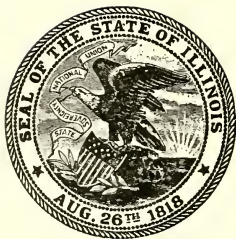




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FIFTY-FOURTH

# Coal Report of Illinois

1935

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HENRY HORNER,  
Governor

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DEPARTMENT OF MINES AND  
MINERALS

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JAMES McSHERRY, Director  
Springfield

ENOCH MARTIN, Assistant Director  
Springfield



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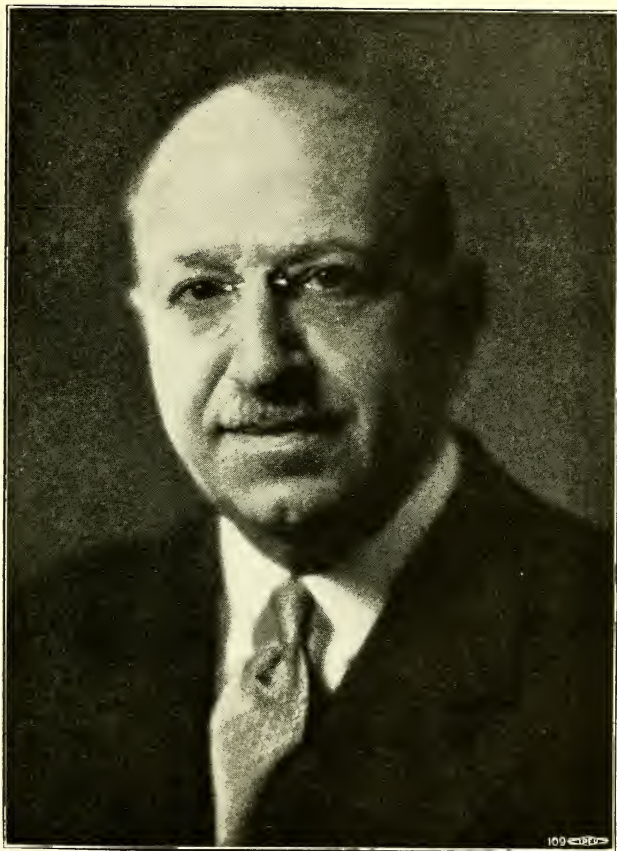
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LETTER OF TRANSMITTAL.

STATE OF ILLINOIS,  
DEPARTMENT OF MINES AND MINERALS,  
SPRINGFIELD, ILL., July 1, 1936.

*To His Excellency, Henry Horner, Governor, State of  
Illinois, Springfield.*

SIR: I have the honor to submit herewith the  
Fifty-fourth Annual Coal Report of the State of  
Illinois for the year ending December 31, 1935, with  
which are also included the reports of all other  
divisions of the Department of Mines and Minerals.

Respectfully submitted,

JAMES MCSHERRY, *Director.*

## DEPARTMENT OF MINES AND MINERALS.

JAMES MCSHERRY, *Director*,  
Phone Capitol 1400, Station 536,  
Springfield, Illinois.  
ENOCH MARTIN, *Assistant Director*,  
Phone Capitol 1400, Station 537,  
Springfield, Illinois.

---

### STATE MINING BOARD.

JAMES MCSHERRY, *Chairman, Ex-Officio*, Springfield, Illinois.  
L. A. WASSON, *Mine Officer*, Harrisburg, Illinois, Phone 120 or 175.  
J. W. STARKS, *Mine Officer*, 803 W. Poplar, Taylorville, Illinois, Phone 598.  
PETER H. PROCTOR, *Mine Officer*, 1116 E. Bluff, Marseilles, Illinois, Phone Red 280.  
GEORGE H. KNOX, *Secretary*, 6 Helston Place, Hillsboro, Illinois, Phone 335L.

---

### DIVISION OF MINE RESCUE.

Belleville—ARTHUR BRADBURY, Supt., 226 N. Second St., Phone 1460.  
Benton—RAY WILLIAMS, Supt., 503 E. Main St., Phone 67.  
DuQuoin—JOSEPH MORRIS, Supt., 11 S. Mulberry, Phone Main 36.  
Eldorado—MICHAEL TAGGART, Supt., 918 Fourth St., Phone 58-4-2.  
Herrin—BARNEY MCSHERRY, Supt., 106 E. Walnut St., Phone 5401.  
Johnston City—HOUSTON W. WEBB, Supt., 608 Adams St., Phone 8-5 R2.  
LaSalle—LARRY MCGONIGAL, Supt., 245 Buck St., Phone 27.  
Springfield—LEO CHITTY, Supt., 6th and Princeton, Phone Main 1159.

---

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STANLEY B. INGERSKI, *Secretary*, Minonk, Illinois.  
JOHN RANCILIO, *Member*, 320 N. 16th St., Herrin, Illinois.  
JOHN B. SCHMACKER, *Member*, 449 S. Chestnut St., Collinsville, Illinois.

---

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JOHN E. JONES, *Chairman*, Old Ben Coal Corp., West Frankfort, Illinois.  
HERMAN LISSE, *Secretary*, Kincaid, Illinois.  
F. W. HECKENKAMP, Quincy, Illinois.  
H. V. BOWMAN, Danville, Illinois.  
E. A. POWERS, Peoria, Illinois.  
SAM CAPE, Harrisburg, Illinois.  
R. J. WILCOXSON, Springfield, Illinois.  
BRICE HOLLAND, West Frankfort, Illinois.  
THOMAS GAFFIGAN, Springfield, Illinois.

## STATE INSPECTORS OF MINES AND COUNTIES COMPRISING THEIR DISTRICTS.

---

First District—Bureau, Grundy, Henry, Kendall, Kankakee, LaSalle, Livingston, Mercer, Putnam, Rock Island and Will Counties.

JOSEPH B. CASASSA, *Inspector*, 209 W. Dakota St., Spring Valley.

Second District—Marshall, McLean, Peoria, Stark, Tazewell and Woodford Counties.

GEORGE H. DEEMY, *Inspector*, 511 Laura St., Peoria.

Third District—Adams, Brown, Fulton, Hancock, Henderson, Knox, Mason, McDonough, Schuyler and Warren Counties.

F. M. GUTHRIE, *Inspector*, 347 E. Fulton St., Farmington.

Fourth District—Cass, Christian, Logan, Menard, Morgan, Pike, Sangamon and Scott Counties.

HARRY ROBERTS, *Inspector*, Edinburg.

Fifth District—Champaign, Coles, DeWitt, Douglas, Edgar, Ford, Iroquois, Macon, Moultrie, Piatt and Vermilion Counties.

THOMAS MCKENNA, *Inspector*, 1506 Walnut St., Danville.

Sixth District—Calhoun, Greene, Jersey, Macoupin, Montgomery and Shelby Counties.

JOSEPH FIRTH, JR., *Inspector*, Benld.

Seventh District—Bond, Clark, Clay, Crawford, Cumberland, Effingham, Fayette, Jasper, Lawrence, Madison, Marion and Richland Counties.

T. ALVIN SCULLY, *Inspector*, Troy.

Eighth District—Clinton, Monroe and St. Clair Counties.

DAVID T. STUART, *Inspector*, 116 N. Missouri Ave., Belleville.

Ninth District—Jackson, Perry, Randolph and Washington Counties.

LEONARD FORESTER, *Inspector*, Percy.

Tenth District—Franklin and Jefferson Counties.

WILLIAM J. JOHNSON, *Inspector*, 403 S. Thomas St., Christopher.

Eleventh District—Edwards, Gallatin, Hamilton, Hardin, Pope, Saline, Wabash, Wayne and White Counties.

LOREN A. BELT, *Inspector*, 117 S. Mill St., Harrisburg.

Twelfth District—Alexander, Johnson, Massac, Pulaski, Union and Williamson Counties.

FRED SCHOONOVER, *Inspector*, Route No. 1, Cartersville.

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# FIFTY-FOURTH ANNUAL COAL REPORT.

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## INTRODUCTION.

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Herewith is presented the fifty-fourth annual report of the coal industry of Illinois, together with reports of all other industries which come under the supervision of the Department of Mines and Minerals.

The number of coal mines, both shipping and local, which operated in Illinois during 1935 reached the highest figure attained during the five year period 1931 to 1935 inclusive, and the coal produced by all mines, 45,013,278 tons, is the highest production for the industry in this State since 1931.

The coal industry in this State has passed through the third successive year without a major disaster. Tonnage of coal mined per fatality reached the highest figure since the year 1931, and the tonnage mined per compensable non-fatal accident is the highest figure recorded during the five years 1931 to 1935 inclusive. The interest on the part of operators and men in safety prevention work and first-aid training continues high and it is gratifying to the Department to be able to announce that this year special recognition by way of Joseph A. Holmes Safety Awards came to seven Illinois coal operators for their establishment and maintenance of outstanding safety records, as well as awards to individual employes of three other companies. Two other Holmes Awards were issued to organizations in the refinery industry. All of these awards are separately listed in an appropriate section of the report.

Throughout the year the Department enjoyed the helpful cooperation of Mr. Charles A. Herbert, Supervising Engineer, United States Bureau of Mines Safety Station, Vincennes, Indiana, and his able corps of assistants, and takes this opportunity to express its appreciation for the help of these gentlemen in the conduct of first-aid training and safety prevention campaigns.

Through the courtesy of the State Geological Survey at Urbana there are reproduced on the following pages, three coal flow blue prints prepared by that Department and published in its Bulletin No. 63 and in less final form in the 1934 Report of the Illinois State Planning Commission. These blue prints show the destination of revenue rail shipments of bituminous coal mined in Illinois as well as origin and ports of destination of Great Lakes cargo shipments and origin and destination of revenue rail shipments of bituminous coal from points outside Illinois, which moved into and through this State during the year 1932. The data from which these blue prints were prepared were compiled by the United States Bureau of Mines.

TABLE A—MINES AND PRODUCTION.

Mines.	1934		1935		Increase (+), Decrease (—).		Percent of Increase (+), Decrease (—).	
	Mines.	Tons.	Mines.	Tons.	Mines.	Tons.	Mines.	Tons.
Shipping.....	172	38,655,527	182	41,410,414	+10	+2,754,887	+5.8	+7.1
Local.....	1,175	3,068,551	1,168	3,602,864	— 7	+ 534,313	— .6	+17.4
Total.....	1,347	41,724,078	1,350	45,013,278	+ 3	+3,289,200	+ .2	+7.9

TABLE B—WORKING TIME.

Mines.	Average Days Worked			
	1934	1935	Increase (+), Decrease (—).	Percent of Increase (+), Decrease (—).
Shipping.....	147	147	.....	.....
Local.....	118	107	—11	—9.3
Total.....	122	112	—10	—8.2

TABLE C—EMPLOYEES.

Mines.	Number Employed.		Gain (+), Loss (—).	Percent of Gain (+), Loss (—).
	1934	1935		
Shipping.....	40,943	40,496	—447	—1.1
Local.....	8,556	8,604	+ 48	+ .6
Total.....	49,499	49,100	—399	— .9

## MINES WHERE EMPLOYEES DIVIDED WORKING TIME.

Name of Operator.	Employees.	
	Working.	On Payroll.
Bell & Zoller Coal Co., No. 1.....	554	620
Bell & Zoller Coal Co., No. 2.....	649	883
Consolidated Coal Co. of St. Louis, No. 7, (Macoupin County).....	112	275
Consolidated Coal Co. of St. Louis, No. 7, (Williamson County).....	328	370
Consolidated Coal Co. of St. Louis, No. 15.....	399	520
Coulterville Coal Co.....	138	176
Franklin County Coal Co., Inc., No. 5.....	430	570
Franklin County Coal Co., Inc., No. 7.....	446	575
Gillespie Coal Co.....	187	222
Hillsboro Coal Co.....	156	239
Ilmo Coal Co.....	25	30
Indiana & Illinois Coal Corp., No. 10.....	380	535
Illinois Pocahontas Coal Co.....	170	187
The Livingston & Mt. Olive Coal Co., No. 1.....	242	343
Lumaghi Coal Co., No. 2.....	353	387
Midland Electric Coal Corp., No. 1.....	100	122
Mount Olive Coal Co.....	90	165
Mt. Olive & Staunton Coal Co., No. 2.....	396	533
Peabody Coal Co., No. 47.....	814	876
Peabody Coal Co., No. 59.....	370	380
Perry Coal Co., "St. Ellen".....	191	234
Rex Coal Co., No. 2.....	320	338
St. Louis Coal Co.....	181	227
Superior Coal Co., No. 1.....	440	544
Superior Coal Co., No. 2.....	470	618
Superior Coal Co., No. 3.....	504	665
Superior Coal Co., No. 4.....	293	375
United States Fuel Co., "Bun".....	1,142	1,510
1935—28 mines.....	9,880	12,519
1934—35 mines.....	11,240	14,139

## MECHANICAL LOADING.

The record of mechanical loading in Illinois coal mines for the past nine years is set forth below:

TABLE D—MECHANICAL LOADING.

Year.	Entire Output.			Part of Output.			Total.			Percent of	
	Mines.	Machines.	Tons.	Mines.	Machines.	Tons.	Mines.	Machines.	Tons.	Mines.	Tons.
1927.....	6	64	1,172,121	15	65	485,737	21	129	1,657,858	8.7	3.7
1928.....	17	177	2,299,720	37	875	4,442,434	54	1,052	6,742,154	23.0	13.5
1929.....	22	603	5,862,615	51	1,525	11,947,753	73	2,128	17,810,368	30.9	33.1
1930.....	31	1,307	13,583,912	38	931	9,666,169	69	2,238	23,250,081	40.0	50.8
1931.....	36	1,504	15,138,330	38	910	7,307,474	74	2,414	22,445,804	49.0	61.4
1932.....	41	1,702	10,899,565	27	578	4,513,091	68	2,280	15,412,656	42.0	49.1
1933.....	32	1,313	13,344,573	19	439	4,421,643	51	1,752	17,766,216	32.1	50.2
1934.....	32	1,364	15,107,934	16	257	3,492,240	48	1,621	18,600,174	27.9	48.1
1935.....	33	1,322	16,649,144	21	304	4,002,563	54	1,626	20,651,707	29.7	49.9

Table E, below, sets forth the statistics compiled by the department on machine mining for the period 1927 to 1935 inclusive.

TABLE E—MACHINE MINING.

Year.	Entire Output.			Part of Output.			Total.			Percent of	
	Mines.	Machines.	Tons.	Mines.	Machines.	Tons.	Mines.	Machines.	Tons.	Mines.	Tons.
1927	100	1,539	20,987,579	51	858	15,454,540	151	2,397	36,442,119	62.7	81.1
1928	84	1,245	25,134,248	55	813	19,506,953	139	2,058	44,641,201	67.5	82.2
1929	92	1,324	31,883,147	47	665	18,476,517	139	1,989	50,359,664	69.5	85.2
1930	90	1,100	29,629,055	37	506	13,082,958	127	1,606	32,712,013	68.6	82.9
1931	85	1,103	28,190,836	26	282	5,425,234	111	1,385	33,616,070	66.5	78.0
1932	81	989	19,599,599	21	155	2,986,486	102	1,144	22,586,085	63.0	71.9
1933	79	905	25,237,315	15	109	2,015,606	94	1,014	27,252,921	59.1	77.0
1934	87	929	27,321,330	14	113	2,411,683	101	1,042	29,733,013	58.7	76.9
1935	88	903	28,985,205	15	107	2,144,948	103	1,010	31,130,153	56.5	75.2

## ACCIDENTS.

Comparative statistics of fatal and non-fatal accidents are shown in Table F, below, for the nine year period 1927-1935.

TABLE F—ACCIDENTS.

Year.	Accidents.		Tons mined to one—		Employees to one—		Man days to one—	
	Fatal.	Non-fatal.	Fatal.	Non-fatal.	Fatal.	Non-fatal.	Fatal.	Non-fatal.
1927	106	1,398	442,922	33,583	741	56	88,208	6,688
1928	139	5,785	404,396	9,392	471	11	62,209	1,495
1929	106	6,621	560,805	9,232	538	9	71,498	1,177
1930	112	5,106	482,456	10,580	500	11	61,012	1,338
1931	90	3,800	501,696	11,854	595	14	75,565	1,790
1932	114	2,643	299,205	12,884	452	19	56,076	2,418
1933	71	3,018	539,720	12,697	683	16	81,228	1,911
1934	86	3,133	485,164	13,318	576	16	79,220	1,923
1935	82	3,147	548,942	14,304	599	16	67,063	1,747

**SHIPPING MINES WHICH SUSPENDED OPERATIONS DURING THE  
PERIOD 1931 TO 1935, INCLUSIVE, SHOWING DATE OF  
LAST OPERATION.**

Name of Operator.	Location of Mine.		Date last Operated.	
	District.	County.	Month.	Year.
Alcoa Ore Company.....	8	St. Clair.....	March.....	1932
Breese Trenton Mining Company.....	8	Clinton.....	December.....	1931
Brewerton Coal Company, No. 92.....	4	Logan.....	February.....	1933
Brewerton Coal Company, No. 22.....	10	Franklin.....	November.....	1934
Canton Coal Company.....	3	Fulton.....	October.....	1934
Carterville Peacock Coal Company, No. 2.....	12	Williamson.....	December.....	1932
Cosgrove Meehan Coal Company, No. 3.....	12	Williamson.....	February.....	1933
Cosgrove Meehan Coal Company, No. 5.....	6	Montgomery.....	March.....	1933
Franklin Mining Company.....	10	Franklin.....	October.....	1934
Henrietta Coal Company "H. T.".....	9	St. Clair.....	July.....	1931
Jones Bros. Coal Mining Company, No. 1.....	8	St. Clair.....	February.....	1935
Little Muddy Coal Company.....	9	Jackson.....	July.....	1933
Madison Coal Corporation, No. 2.....	7	Madison.....	February.....	1931
Madison Coal Corporation, No. 12.....	12	Williamson.....	March.....	1931
Old Ben Coal Corporation, No. 11.....	10	Franklin.....	January.....	1931
Panther Creek Mines, Inc., No. 1.....	4	Sangamon.....	December.....	1932
Panther Creek Mines, Inc., No. 3.....	4	Sangamon.....	February.....	1931
Peabody Coal Company, No. 18.....	10	Franklin.....	September.....	1934
Peabody Coal Company, No. 25.....	12	Williamson.....	September.....	1933
Peabody Coal Company, No. 42.....	11	Saline.....	October.....	1933
Peabody Coal Company, No. 51.....	4	Sangamon.....	April.....	1934
Peabody Coal Company, No. 52.....	4	Sangamon.....	March.....	1932
Perry Coal Company, "Taylor".....	8	St. Clair.....	January.....	1932
Skaggs Coal Company.....	12	Williamson.....	January.....	1931
Summit Coal Company.....	8	St. Clair.....	December.....	1933
Sunrise Coal Company.....	12	Williamson.....	December.....	1933
United Electric Coal Company, No. 1.....	5	Vermilion.....	October.....	1933
United Electric Coal Company, No. 13.....	8	St. Clair.....	September.....	1934
United States Fuel Company "Verm".....	5	Vermilion.....	March.....	1932

**SHIPPING MINES WHICH SUSPENDED OPERATIONS DURING THE  
PERIOD 1931-1935, INCLUSIVE, SUMMARY BY COUNTIES.**

Clinton.....	1	Logan.....	1	Saline.....	1
Franklin.....	4	Madison.....	2	Sangamon.....	4
Fulton.....	1	Montgomery.....	1	Vermilion.....	2
Jackson.....	1	St. Clair.....	5	Williamson.....	6

**COMPARATIVE ANNUAL PRODUCTION FIGURES 1935 AND FOUR  
PREVIOUS YEARS.**

	1935	1934	1933	1932	1931
Illinois.....	45,013,278	41,724,078	38,320,125	34,120,786	45,152,623
Indiana.....	a15,440,000	14,793,000	a13,500,000	a12,400,000	14,235,165
Kentucky.....	a40,478,000	38,525,000	a35,530,000	a35,610,000	40,238,803
Pennsylvania.....	a90,795,000	89,825,000	a79,770,000	a76,028,000	97,658,698
West Virginia.....	a98,589,000	98,134,000	a90,770,000	a83,765,000	131,473,172

a—Estimated by U. S. Bureau of Mines.

# DIRECTORY OF

No.	Name of Operator and Mine.	Location of Mine.		
		Dis- trict.	County.	Post Office.
1	Bailey Bros. Coal Co	9	Perry	DuQuoin
2	Bayles, D. B.	3	Fulton	Canton
3	Beaucoup Coal Co	9	Perry	Pinckneyville
4	Beckemeyer Coal Co	8	Clinton	Beckemeyer
5	Bell & Zoller Coal Co., No. 1	10	Franklin	Zeigler
6	Bell & Zoller Coal Co., No. 2	10	Franklin	Zeigler
7	Biby Coal Co	9	Perry	Pinckneyville
8	Blakley Coal Co	3	Fulton	Canton
9	Blue Bird Coal Co	11	Saline	Carrier Mills
10	Blue Hill Coal Co	12	Williamson	Marion
11	Bois Coal Co	9	Washington	Dubois
12	Briar Hill Coal Mining Co., No. 45	9	Perry	Pinckneyville
13	Buffalo Rock Coal Co	1	LaSalle	Ottawa
14	Bullock Mining Co	7	Madison	Collinsville
15	Carbon Fuel Co	12	Williamson	Marion
16	Carolan, W. P. & Co., Inc	12	Williamson	Marion
17	Carterville Mining & Eng. Co	12	Williamson	Carbondale
18	Central Illinois Mining Co., "A"	4	Sangamon	Springfield
19	Centralia Coal Co., No. 5	9	Washington	Centralia
20	Chicago, Wilmington & Franklin Coal Co., No. 1	10	Franklin	Orient
21	Chicago, Wilmington & Franklin Coal Co., No. 2	10	Franklin	West Frankfort.
22	Chicopee Coal Co	7	Madison	Troy
23	Citizens Coal Co., "E"	8	Clinton	Breeze
24	City Lake Coal Co	12	Williamson	Herrin
25	Clarkson Coal & Mining Co	9	Washington	Nashville
26	Coal Strip Mine No. 1	9	Perry	Pinckneyville
27	Conant Coal Co	9	Perry	Conant
28	Consolidated Coal Co., No. 7	6	Macoupin	Staunton
29	Consolidated Coal Co., No. 7	12	Williamson	Herrin
30	Consolidated Coal Co., No. 15	6	Macoupin	Mt. Olive
31	Consumers Coal & Materials Co	12	Williamson	Marion
32	Coulterville Coal Co., "Perco"	9	Randolph	Coulterville
33	Crerar-Clinch Coal Co., No. 14	9	Perry	DuQuoin
34	Crerar-Clinch Coal Co., No. 15	9	Perry	DuQuoin
35	Crescent Mining Co., No. 1	2	Peoria	Peoria
36	Crescent Mining Co., No. 6	2	Peoria	Peoria
37	Cutler Coal Co., Inc	9	Perry	Cutler
38	Delta Coal Mining Co	12	Williamson	Marion
39	Diamond Coal Co., No. 1	12	Williamson	Herrin
40	Dorthel Coal Co., No. 1	2	Peoria	Hanna City
41	Dorthel Coal Co., No. 2	3	Fulton	Farmington
42	Dorthel Coal Co., No. 3	3	Fulton	Farmington
43	Eldnar Coal Co	8	St. Clair	Belleville
44	Erie Sootless Coal Co	6	Shelby	Moweaqua
45	Forsyth Carterville Coal Co	12	Williamson	Carterville
46	Franeo Mining Corp., No. 1	12	Williamson	Johnston City
47	Franklin County Coal Corp., No. 5	10	Franklin	Herrin
48	Franklin County Coal Corp., No. 7	10	Franklin	Royalton
49	Freeburg Coal Co	8	St. Clair	Freeburg
50	Freeman Coal Mining Co	12	Williamson	Herrin
51	Galesburg Mining Co	3	Knox	Galesburg
52	Gill Coal Corp	8	St. Clair	Marissa
53	Gillespie Coal Co	6	Macoupin	Gillespie
54	Glenwood Mining Co., The, No. 4	2	Peoria	Edwards
55	Golden Rule Coal Co	3	Fulton	Middle Grove
56	Golden Rule Coal Co	8	St. Clair	Lenzburg
57	Groom Coal Co	8	St. Clair	Belleville
58	Guest Coal Co	8	St. Clair	Belleville
59	Gulf Fuel & Mining Co	9	Randolph	Sparta
60	Gundlach Coal Co	8	St. Clair	E. St. Louis
61	Hillsboro Coal Co., No. 1	6	Montgomery	Hillsboro
62	Home Coal Co., No. 8	9	Perry	Willisville
63	Home Coal Mining Co., No. 1	9	Perry	Tamaroa
64	Hustler Coal Co., No. 8	9	Perry	Willisville
65	Illinois Colliery Co	3	Fulton	Farmington
66	Illinois-Pocahontas Coal Co	7	Bond	Pocahontas
67	Illinois Zinc Co., No. 3	1	LaSalle	Peru
68	Ill.-Mo. Coal Co	9	Randolph	Sparta
69	Imperial Valley Coal Co	9	Perry	Tamaroa

## SHIPPING MINES.

General Superintendent.	Superintendent of mine.	Local mine manager.	Address of main office of company.	No.
Jos. Bailey	Jos. Bailey	Jos. Bailey	DuQuoin, Ill.	1
.a	.a	.a	Lock Box 84, Canton, Ill.	2
H. Taylor	H. Taylor	H. Taylor	Pinckneyville, Ill.	3
.a	.a	Anton Knies	Beckemeyer, Ill.	4
E. L. Berger	Lee Haskins	E. J. Hoey	307 N. Michigan Ave., Chicago, Ill.	5
E. L. Berger	Dale Carter	Jas. Daugherty	307 N. Michigan Ave., Chicago, Ill.	6
.a	Fred Biby	Herbert West	Pinckneyville, Ill.	7
Wm. Blakney	.a	Joe Frankovich	Canton, Ill.	8
A. M. Chamness	Thos. Schull	.a	Carrier Mills, Ill.	9
W. P. Hill	A. H. Sander	S. Jenkins	Marion, Ill.	10
W. E. Johnson	H. M. Terry	C. E. Mathis	7 So. Washington St., DuQuoin, Ill.	11
.a	H. E. Wilson	Dwight Killingsworth	Pinckneyville, Ill.	12
A. E. Steiger	C. C. Balser	C. C. Balser	R. F. D. No. 1, Ottawa, Ill.	13
John Reese	.a	Arthur Ohl	Collinsville, Ill.	14
Geo. A. Wallace	Roland Wilson	Roland Wilson	Marion, Ill.	15
.a	.a	.a	Harrisburg, Ill.	16
H. E. DeRoque	M. L. DeRoque	M. L. DeRoque	236 E. Erie St., Carbondale, Ill.	17
.a	P. J. Dooner	John Keirs	P. O. Box 396, Springfield, Ill.	18
R. J. Oldham	D. R. Schooler	H. A. Berger	307 N. Michigan Ave., Chicago, Ill.	19
H. A. Treadwell	John Rodenbush	James Eadie	332 S. Michigan Ave., Chicago, Ill.	20
H. A. Treadwell	John R. Foster	John O'Rourke	332 S. Michigan Ave., Chicago, Ill.	21
.a	W. T. Scully	W. T. Scully	Troy, Ill.	22
.a	Frank B. Nieman	Henry Knies	Breese, Ill.	23
F. Butcher	F. Butcher	F. Butcher	St. Louis, Mo.	24
John L. Clarkson	Sam Day	John L. Clarkson	Nashville, Ill.	25
C. W. Woosley	Roy Hartwell	Roy Hartwell	230 N. Michigan Ave., Chicago, Ill.	26
.a	Fred W. Beck	Geo. McMath	Conant, Ill.	27
G. S. Jenkins	S. F. Grone	Albert Gerit	2069 Railway Exchange Bldg., St. Louis, Mo.	28
G. S. Jenkins	.a	Robt. Bowie	Railway Exchange Bldg., St. Louis, Mo.	29
G. S. Jenkins	Chas. Haffter	L. D. Neal	2069 Railway Exchange Bldg., St. Louis, Mo.	30
Loren Biggerstaff	Loren Biggerstaff	Loren Biggerstaff	Pierce Bldg., St. Louis, Mo.	31
J. M. Varner	J. M. Varner	J. M. Varner	Box B, Coulterville, Ill.	32
E. S. Mayor	E. S. Mayor	E. B. Dangerfield	20 N. Wacker Drive, Chicago, Ill.	33
E. S. Mayor	E. S. Mayor	D. C. Harris	20 N. Wacker Drive, Chicago, Ill.	34
Wm. P. Young	Wm. P. Young	H. Wilkinson	307 N. Michigan Ave., Chicago, Ill.	35
Wm. P. Young	Wm. P. Young	Chas. Carson	307 N. Michigan Ave., Chicago, Ill.	36
.a	.a	Francis Lewis	Cutler, Ill.	37
Merl C. Kelce	W. H. Price	.a	1012 Baltimore Ave., Kansas City, Mo.	38
.a	John Caloni	.a	215 N. 18th St., Herrin, Ill.	39
R. K. Ronk	R. K. Ronk	David Jones	8 S. Michigan Ave., Chicago, Ill.	40
R. K. Ronk	Robert Taggart	Joe Worthington	8 S. Michigan Ave., Chicago, Ill.	41
R. K. Ronk	Robert Taggart	Thos. Morrow	8 S. Michigan Ave., Chicago, Ill.	42
Wm. J. Randle	Wm. J. Randle	E. Randle	Belleville, Ill.	43
.a	E. C. Foster	R. Morgan	Moweaqua, Ill.	44
.a	W. K. Forsyth	.a	807 Fullerton Bldg., St. Louis, Mo.	45
.a	O. D. McDaniel	L. C. Boatright	310 S. Michigan Ave., Chicago, Ill.	46
John White	.a	James Sneddon	1740 Field Bldg., Chicago, Ill.	47
John White	.a	Byron Brown	1740 Field Bldg., Chicago, Ill.	48
Alex Adams	.a	Alex Adams	Freeburg, Ill.	49
F. H. Seymour	F. H. Seymour	W. H. Flynn	2051 McCormick Bldg., Chicago, Ill.	50
J. W. Fairbairn	J. W. Fairbairn	George Grindle	118 E. Main St., Galesburg, Ill.	51
F. K. Gill	F. K. Gill	F. K. Gill	Marissa, Ill.	52
D. W. Greene	Nat Farnsworth	Nat Farnsworth	Boatmens Bank Bldg., St. Louis, Mo.	53
R. M. Eyster	R. M. Eyster	Mark Decker	Edwards, Ill.	54
.a	R. Williams	L. L. Foster	Middle Grove, Ill.	55
.a	.a	Joseph A. Prediger	Lenzburg, Ill.	56
.a	Robert Groom	Oscar Peterson	1906 W. Main St., Belleville, Ill.	57
James Guest	James Guest	George Cadman	4600 W. Main St., Belleville, Ill.	58
.a	.a	Thomas Brown	First Natl. Bank Bldg., Springfield, Ill.	59
O. E. Schaefer	.a	Joe Johnson	Edgemont Sta., E. St. Louis, Ill.	60
Rice W. Miller	James Welch	.a	Hillsboro, Ill.	61
.a	C. W. Peeples	C. W. Peeples	Willsville, Ill.	62
C. W. Wilson	C. W. Wilson	C. W. Wilson	Tamaroa, Ill.	63
Chas. Killingsworth	Chas. Killingsworth	Chas. Killingsworth	Willsville, Ill.	64
John Balagna	.a	Henry Whited	Farmington, Ill.	65
.a	G. E. Adamson	.a	320 N. 4th St., St. Louis, Mo.	66
.a	Wm. Bradbury	Wm. Lindsay	332 S. Michigan Ave., Chicago, Ill.	67
.a	H. W. Bradbury	.a	Sparta, Ill.	68
.a	Martin Presswood	C. Killingsworth	Tamaroa, Ill.	69

# DIRECTORY OF

No.	Name of Operator and Mine.	Location of Mine.		
		Dis- trict.	County.	Post Office.
70	Indiana & Illinois Coal Corp., No. 10	6	Montgomery	Nokomis
71	Inter State Coal Co., No. 21	10	Franklin	West Frankfort
72	Jefferson Coal Mining Co., No. 81	4	Sangamon	Springfield
73	Jeffries Coal Co.	12	Williamson	Herrin
74	Jones Bros. Coal Mining Co., No. 2	9	Randolph	Marissa
75	Lake Erie Mining Co.	2	Tazewell	Box 33, Peoria, Ill.
76	Lenzburg Coal Co.	8	St. Clair	Lenzburg
77	Livingston-Mt. Olive Coal Co., The, No. 1	7	Madison	Livingston
78	Lumaghi Coal Co., No. 2	7	Madison	Collinsville
79	McLaren Coal Co., No. 1	12	Williamson	Carterville
80	Macon County Coal Co., No. 3	5	Macon	Deatur
81	Madison County Coal & Mining Co	7	Madison	Edwardsville
82	Marion County Coal Co	7	Marion	Centralia
83	Midland Electric Coal Corp., No. 1	1	Henry	Atkinson
84	Midland Electric Coal Corp., No. 2	3	Fulton	Farmington
85	Mid State Coal Co., No. 81	4	Sangamon	Springfield
86	Mine "B" Coal Co., The, "B"	4	Sangamon	Springfield
87	Moffat Coal Co., No. 1	9	Randolph	Sparta
88	Morgan, F. C., Coal Co.	5	Vermilion	Danville
89	Mt. Olive Coal Co.	6	Macoupin	Mt. Olive
90	Mt. Olive & Staunton Coal Co., No. 2	7	Madison	Staunton
91	Mulberry Hill Coal Co.	8	St. Clair	Freeburg
92	New Galem Coal Co.	9	Perry	Cutler
93	New National Coal & Mining Co.	8	St. Clair	Belleville
94	New Watson Coal Co., No. 1	12	Williamson	Herrin
95	Norris City Coal Mining Co., No. 1	11	White	Norris City
96	Northern Illinois Coal Corp., No. 10	1	Will	Wilmington
97	Oakwood Coal Co., No. 1	5	Vermilion	Oakwood
98	Odin Coal Co.	7	Marion	Odin
99	O. K. Coal Co.	8	St. Clair	Marissa
100	Old Ben Coal Corp., No. 8	10	Franklin	West Frankfort
101	Old Ben Coal Corp., No. 14	10	Franklin	Buckner
102	Old Ben Coal Corp., No. 15	10	Franklin	West Frankfort
103	Old Ben Coal Corp., No. 18	12	Williamson	Johnston City
104	Pana Coal Co., No. 1	4	Christian	Pana
105	Panther Creek Mines, Inc., No. 4	4	Sangamon	Springfield
106	Panther Creek Mines, Inc., No. 5	4	Sangamon	Springfield
107	Peabody Coal Co., No. 7	4	Christian	Kinead
108	Peabody Coal Co., No. 8	4	Christian	Kinead
109	Peabody Coal Co., No. 9	4	Christian	Taylorville
110	Peabody Coal Co., No. 19	10	Franklin	West Frankfort
111	Peabody Coal Co., No. 24	5	Vermilion	Danville
112	Peabody Coal Co., No. 47	11	Saline	Harco
113	Peabody Coal Co., No. 53	4	Sangamon	Springfield
114	Peabody Coal Co., No. 57	4	Sangamon	Springfield
115	Peabody Coal Co., No. 58	4	Christian	Taylorville
116	Peabody Coal Co., No. 59	4	Sangamon	Springfield
117	Peacock Coal Co.	9	Jackson	Carterville
118	Penwell Coal Mining Co.	4	Christian	Pana
119	Perfection Coal Co.	9	Perry	DuQuoin
120	Perry Coal Co., "Carbon"	8	St. Clair	O'Fallon
121	Perry Coal Co., "St. Ellen"	8	St. Clair	O'Fallon
122	Peterson Coal Co.	3	Fulton	Canton
123	Prairie Coal Co.	8	St. Clair	Belleville
124	Prairie State Coal Co.	1	Putnam	Granville
125	Pschirrer & Sons	3	Fulton	Canton
126	Puritan Coal Co., No. 1	12	Williamson	Marion
127	Pyramid Coal Corp.	9	Perry	Pineknayville
128	Pyramid Coal Corp., Coal Strip No. 2	5	Vermilion	Danville
129	Quality Coal Mining Co.	8	St. Clair	Belleville
130	Reed, E. A., Coal Co.	3	Fulton	Canton
131	Rentschler Fuel Co.	8	St. Clair	Belleville
132	Rex Coal Co., No. 2	11	Saline	Eldorado
133	Ring Coal Co., No. 1	9	Perry	Cutler
134	Roanoke Coal & Tile Co.	2	Woodford	Roanoke
135	Sahara Coal Co., No. 1	11	Saline	Harrisburg
136	Sahara Coal Co., No. 3	11	Saline	Harrisburg
137	Sahara Coal Co., No. 10	11	Saline	Eldorado
138	Sahara Coal Co., No. 12	11	Saline	Harrisburg

## SHIPPING MINES—Continued.

General Superintendent.	Superintendent of mine.	Local mine manager.	Address of main office of company.	No.
J. J. Fries	J. J. Fries	J. J. Fries	309 W. Jackson Blvd., Chicago, Ill.	70
H. M. Rea	H. M. Rea	H. C. Harris	West Frankfort, Ill.	71
O. Falcetti	O. Falcetti	Russell Wiley	Springfield, Ill.	72
W. J. Jeffries	W. J. Jeffries	W. J. Jeffries	901½ E. Herrin St., Herrin, Ill.	73
Chas. Jones	Wm. Jones	Vaughn J. Jones	Marissa, Ill.	74
W. C. Gill	W. C. Gill	Ed Schuster	Box 33, Peoria, Ill.	75
a	R. Dinges	D. N. Schilling	Lenzburg, Ill.	76
a	E. E. Vallow	Thos. McCullister	Livingston, Ill.	77
a	B. H. Firth	Wm. Valine	Collinsville, Ill.	78
W. S. McLaren	H. E. Collier	a	Marion, Ill.	79
D. W. Beggs, Sr.	D. W. Beggs, Sr.	Paul Beggs	700 S. Main St., Decatur, Ill.	80
John Macke	John Macke	John Macke	Edwardsville, Ill.	81
John W. Stedelin	Grover Wilkinson	Grover Wilkinson	Centralia, Ill.	82
K. R. Bixby	W. E. Mullins, Jr.	a	1310 Fletcher Trust Bldg., Indianapolis, Ind.	83
K. R. Bixby	a	a	1310 Fletcher Trust Bldg., Indianapolis, Ind.	84
F. J. Devlin	a	a	608 S. Dearborn St., Chicago, Ill.	85
Oscar Falcetti	a	a	Springfield, Ill.	86
Andrew Moffat	Andrew Moffat	Dick Richardson	Sparta, Ill.	87
a	George Flora	R. W. Morgan	411 Medical Arts Bldg., Indianapolis, Ind.	88
John Hittmeier	a	a	Mt. Olive, Ill.	89
a	Sam McGurk	Ben Chapman	Edwardsville, Ill.	90
a	Fred Germann	Fred Germann	R. No. 1, Freeburg, Ill.	91
a	a	Robert Wilson	Cutler, Ill.	92
Arthur Wright	a	John Fruith	704 Forest Ave., Belleville, Ill.	93
Ed McVey	Ed McVey	Joe Oliver	501 S. 18th St., Herrin, Ill.	94
a	Ed Mallaburn	Ed Mallaburn	Norris City, Ill.	95
R. S. Weiner	J. T. Sykes	a	310 S. Michigan Ave., Chicago, Ill.	96
a	Romeo & Arthur Zamberletti	W. J. Fenton	Oakwood, Ill.	97
B. E. Martin, Rec'r.	a	Pearl Halfacre	Odin, Ill.	98
L. E. Nagel	Hy Church	a	Marissa, Ill.	99
Jas. Dunn	Howard Lewis	Ed Goff	230 S. Clark St., Chicago, Ill.	100
Jas. Dunn	Howard Lewis	John Vaughn	230 S. Clark St., Chicago, Ill.	101
Jas. Dunn	Howard Lewis	Wm. Coltman	230 S. Clark St., Chicago, Ill.	102
Jas. Dunn	Howard Lewis	John Cathie	230 S. Clark St., Chicago, Ill.	103
G. A. Shafer	S. S. Lewis	John J. Simpson	5 N. State St., Pana, Ill.	104
H. A. Solomon	H. A. Solomon	James Barnes	225½ S. 6th St., Springfield, Ill.	105
H. A. Solomon	H. A. Solomon	John Lanham	225½ S. 6th St., Springfield, Ill.	106
W. C. Argust	John W. Abrell	Geo. W. Mosey	20 N. Wacker Drive, Chicago, Ill.	107
W. C. Argust	Jas. Lewis	W. C. Craggs	20 N. Wacker Drive, Chicago, Ill.	108
W. C. Argust	J. W. Starks	J. W. Hardy	20 N. Wacker Drive, Chicago, Ill.	109
W. C. Argust	a	John Coleman	20 N. Wacker Drive, Chicago, Ill.	110
C. W. McReaken	W. M. Elders	Robt. Walker	20 N. Wacker Drive, Chicago, Ill.	111
a	John Hope	Jas. E. Vaughn	20 N. Wacker Drive, Chicago, Ill.	112
C. W. McReaken	Chas. Barker	Mike Haberle	20 N. Wacker Drive, Chicago, Ill.	113
S. J. Wills	P. W. MacMurdo	Harry Preval	20 N. Wacker Drive, Chicago, Ill.	114
S. J. Wills	G. M. Smith	Glenn Young	20 N. Wacker Drive, Chicago, Ill.	115
W. C. Argust	Wm. Hardv	John Storey	20 N. Wacker Drive, Chicago, Ill.	116
S. J. Wills	Lewis Waldron	a	Cartersville, Ill.	117
a	a	Richard Rollo	Pana, Ill.	118
Warren Penwell	James Rollo	W. D. Georg	DuQuoin, Ill.	119
W. D. Georg	W. D. Georg	Wm. Hartman	Boatmens Bank Bldg., St. Louis, Mo.	120
D. W. Greene	Wm. Hartman	Wm. Bolt	Boatmens Bank Bldg., St. Louis, Mo.	121
D. W. Greene	Wm. Bolt	a	Canton, Ill.	122
a	a	a	1612 Landreth Bldg., St. Louis, Mo.	123
James Daniels	Wm. Murdock	Charles Sulski	Granville, Ill.	124
John R. Cox	John R. Cox	John Pschirrer	914 S. Main St., Canton, Ill.	125
Chas. Pschirrer	Geo. Pschirrer	Marion, Ill.	126	126
W. Wade	W. Wade	Fount Leach	a	127
C. W. Woosley	Len Hartwell	a	230 N. Michigan Ave., Chicago, Ill.	127
A. E. Steiger	Mark Lunn	Mark Lunn	230 N. Michigan Ave., Chicago, Ill.	128
A. J. Avery	a	Peter Grieve	Belleville, Ill.	129
E. A. Reed	a	Harry Johnson	R. No. 5, Canton, Ill.	130
R. V. Harper	R. V. Harper	R. V. Harper	500 N. 17th St., Belleville, Ill.	131
a	Geo. Lindsey	V. J. Gideumb	McCormick Bldg., Chicago, Ill.	132
Arthur Rednor	a	Robt. Wilson	Cutler, Ill.	133
D. L. Negley	Carl Klumpp	Geo. DeWilde	Roanoke, Ill.	134
Paul Halbersleben	Wm. Evans	J. A. Adams	59 E. Van Buren St., Chicago, Ill.	135
Paul Halbersleben	Geo. Eadie	J. E. Browder	59 E. Van Buren St., Chicago, Ill.	136
Paul Halbersleben	Sam Cape	R. A. Bartlett	59 E. Van Buren St., Chicago, Ill.	137
Paul Halbersleben	Wm. Evans	Marion Wiley	59 E. Van Buren St., Chicago, Ill.	138

# DIRECTORY OF

No.	Name of Operator and Mine.	Location of Mine.		
		Dis- trict.	County.	Post Office.
139	St. Louis Coal Co.	9	Randolph	Coulterville
140	St. Louis & O'Fallon Coal Co., No. 2	8	St. Clair	E. St. Louis
141	Sangamon Coal Co., No. 2	4	Sangamon	Springfield
142	Service Coal Co.	8	St. Clair	Belleville
143	Seymour Coal Co.	12	Williamson	Herrin
144	Shuler Coal Mining Co.	1	Henry	Alpha
145	Skelton, J. G., Coal Co., No. 3	5	Vermilion	Danville
146	Southern Coal, Coke & Mining Co., No. 6	8	St. Clair	Belleville
147	Southern Coal, Coke & Mining Co., No. 7	8	St. Clair	Belleville
148	Southern Coal, Coke & Mining Co., No. 9	8	Clinton	New Baden
149	South Mine Coal Co.	6	Macoupin	Carlinville
150	Spillertown Mining Co.	12	Williamson	Johnston City
151	Spring Valley Coal Mining Co., No. 3	1	Bureau	Spring Valley
152	Stiers Bros. Construction Co.	7	Madison	Moro
153	Sunnyside Coal Co.	3	Fulton	Cuba
154	Superior Coal Co., No. 1	6	Macoupin	Gillespie
155	Superior Coal Co., No. 2	6	Macoupin	Gillespie
156	Superior Coal Co., No. 3	6	Macoupin	Gillespie
157	Superior Coal Co., No. 4	6	Macoupin	Gillespie
158	Sutton, W. G.	2	Woodford	Minonk
159	Swords, Geo., Coal Co., No. 1	3	Fulton	Canton
160	Tamaroa Coal Co., No. 43	9	Perry	Tamaroa
161	Tamaroa Fuel Co., No. 43	9	Perry	Tamaroa
162	Tilton Mining Co.	5	Vermilion	Danville
163	Truax-Traer Coal Co., No. 1	9	Jackson	Elkville
164	Truax-Traer Coal Co., No. 2	9	Jackson	Elkville
165	Truax-Traer Coal Co., No. 1	3	Fulton	St. David
166	Truax-Traer Coal Co., No. 2	3	Fulton	Fiatt
167	Ubben Coal Co.	2	Tazewell	Pekin
168	Union Coal Co.	1	LaSalle	Peru
169	Union Colliery Co.	9	Jackson	Dowell
170	United Electric Coal Co., No. 9	3	Fulton	Cuba
171	United Electric Coal Co., No. 11	9	Perry	DuQuoin
172	United States Fuel Co., "Bunsenville"	5	Vermilion	Georgetown
173	Valier Coal Co., No. 1	10	Franklin	Valier
174	Vinegar Hill Coal Co.	8	St. Clair	Lenzburg
175	Viriden Coal Co.	6	Macoupin	Viriden
176	Wallace Coal Co.	12	Williamson	Marion
177	Wasson Coal Co., "A"	11	Saline	Harrisburg
178	Wasson Coal Co., No. 1	11	Saline	Harrisburg
179	Whip-Poor-Will Coal & Mining Co.	9	Perry	Cutler
180	White Coal Co.	8	St. Clair	Belleville
181	Wilmington Coal Mines, Inc.	1	LaSalle	Morris
182	Winkle Coal Co.	9	Perry	Swanwick

## SHIPPING MINES—Concluded.

General Superintendent.	Superintendent of mine.	Local mine manager.	Address of main office of company.	No.
E. H. Larsen.	E. H. Larsen.	E. H. Larsen.	Coulterville, Ill.	139
W. F. Davis.	Joseph Vlasak.	Joseph Vlasak.	2927 S. Broadway, St. Louis, Mo.	140
. a .	John Senger, Sr.	. a .	P. O. Box 56, Springfield, Ill.	141
D. E. Meyer.	D. E. Meyer.	Wm. Rieken.	N. Illinois St. and L. & N. Tracks, Belleville, Ill.	142
F. H. Seymour.	J. E. Seymour.	John Howell.	Herrin, Ill.	143
Chas. Shuler, Jr.	T. C. Chapman.	T. C. Chapman.	Alpha, Ill.	144
J. G. Skelton.	. a .	Sam Thomas.	625 Warrington Ave., Danville, Ill.	145
S. A. Butler.	. a .	Al. Severit.	621 Security Bldg., St. Louis, Mo.	146
S. A. Butler.	. a .	Steve Herbert.	621 Security Bldg., St. Louis, Mo.	147
S. A. Butler.	. a .	E. Strotheide.	621 Security Bldg., St. Louis, Mo.	148
. a .	. a .	John K. Fraser.	Carlinville, Ill.	149
H. Morgan.	Alf Richardson.	Jack Leasock.	1107 Barham, Johnston City, Ill.	150
. a .	. a .	Andrew J. Priceo.	Spring Valley, Ill.	151
. a .	. a .	Dan Foutes.	2944 Magazine St., St. Louis, Mo.	152
. a .	F. N. Heller.	S. F. Schroeder.	Cuba, Ill.	153
D. D. Wilcox.	J. Powell.	Alex Duncan.	400 W. Madison St., Chicago, Ill.	154
D. D. Wilcox.	J. Powell.	Lawrence Kiss.	400 W. Madison St., Chicago, Ill.	155
D. D. Wilcox.	J. Powell.	Alex Young.	400 W. Madison St., Chicago, Ill.	156
D. D. Wilcox.	J. Powell.	J. H. Johnson.	400 W. Madison St., Chicago, Ill.	157
W. G. Sutton.	Harvey A. Sutton.	H. A. Sutton.	Minonk, Ill.	158
. a .	Geo. Swords.	. a .	3401 Farmington Rd., Peoria, Ill.	159
Lloyd Winchester.	. a .	. a .	Tamaroa, Ill.	160
. a .	. a .	Henry Jones.	Tamaroa, Ill.	161
Wm. A. Martin.	H. C. Steube.	. a .	Sta. C., Danville, Ill.	162
H. F. Willis.	C. R. Dunn.	. a .	3500 Willoughby Tower, Chicago, Ill.	163
H. F. Willis.	C. R. Dunn.	C. M. Hart.	3500 Willoughby Tower, Chicago, Ill.	164
H. F. Willis.	B. Somers.	A. E. Junell.	8 S. Michigan Ave., Chicago, Ill.	165
H. F. Willis.	B. Somers.	Wm. Cowell.	8 S. Michigan Ave., Chicago, Ill.	166
Theo. H. Ubben.	Theo. H. Ubben.	J. Scheffler.	Pekin, Ill.	167
Jas. D. Walsh.	. a .	Alex Jones.	112 E. Fifth St., Peru, Ill.	168
Edward Leming.	Edward Leming.	C. O. Wellington.	Box 1349, St. Louis, Mo.	169
. a .	. a .	Carl G. Day.	307 N. Michigan Ave., Chicago, Ill.	170
. a .	. a .	F. A. Huff.	307 N. Michigan Ave., Chicago, Ill.	171
A. F. Dodd.	Robert Flynn.	Mark Ord.	208 S. LaSalle St., Chicago, Ill.	172
. a .	D. W. Jones.	Isaiah Winn.	547 W. Jackson Blvd., Chicago, Ill.	173
Wm. D. Muser, Sec.	. a .	George Germann.	Lenzburg, Ill.	174
. a .	Joe Dubunick.	Clint Richardson.	Virden, Ill.	175
Geo. A. Wallace.	John K. Wallace.	Wm. K. Wallace.	First Natl. Bank Bldg., Marion, Ill.	176
L. A. Wasson.	L. A. Wasson.	John Stobart.	Harrisburg, Ill.	177
L. A. Wasson.	L. A. Wasson.	John H. Evans.	Harrisburg, Ill.	178
. a .	Chas. McManus.	Chas. McManus.	Cutler, Ill.	179
R. White, Sr.	R. White, Sr.	June Dickson.	Carlyle Rd., Belleville, Ill.	180
C. R. McElvain.	W. L. Treasure.	. a .	Box 311, Morris, Ill.	181
. a .	. a .	Geo. E. Smith.	Swanwick, Ill.	182

## GENERAL STATEMENT

1935—WITH COMPARATIVE FIGURES OF FOUR PREVIOUS YEARS.

	1935	1934	1933	1932	1931
Number of counties producing coal.....	57	58	53	54	48
Number of mines operated.....	1,350	1,347	1,266	1,093	994
Number of shipping mines.....	182	172	159	162	167
Number of local mines.....	1,168	1,175	1,107	931	827
Output in tons, all mines.....	45,013,278	41,724,078	38,320,125	34,120,786	45,152,623
Output in tons, shipping.....	41,410,414	38,655,527	35,390,677	31,402,399	43,073,058
Output in tons, local.....	3,602,864	3,068,551	2,929,448	2,718,387	2,079,565
Tons handled by railroads.....	36,844,180	34,730,011	31,636,128	28,519,261	39,940,793
Tons disposed of otherwise.....	8,169,098	6,994,067	6,683,997	5,601,525	5,211,830
Number employed underground.....	39,572	40,340	40,036	43,630	45,652
Number employed on surface.....	9,528	9,159	8,368	7,924	7,898
Total employees.....	49,100	49,499	48,464	51,554	53,550
Average days worked, shipping mines.....	147	147	131	107	130
Average days worked, local mines.....	107	118	118	127	123
Number of mining machines in use.....	1,139	1,149	1,118	1,246	1,459
Tons undercut by machines.....	32,288,925	30,519,760	28,051,231	23,201,707	33,161,198
Tons mined by hand.....	5,243,004	4,982,074	4,554,589	4,162,122	5,371,522
Tons mined by stripping.....	7,481,349	6,222,244	5,714,305	6,756,957	6,619,903
Number of mechanical loaders in use.....	1,626	1,621	1,752	2,280	2,420
Tons loaded mechanically.....	20,651,707	18,600,174	17,766,216	15,412,656	22,445,802
Kegs of powder used for blasting coal.....	256,296	289,164	230,721	215,778	295,760
Pounds of pellet powder used.....	5,276,649	4,764,606	3,988,617	2,940,722	4,540,477
Pounds of dynamite used.....	351,532	99,706	71,963	125,750	115,395
Pounds of permissible explosives used.....	2,188,214	1,877,380	1,760,985	1,699,636	2,406,186
Number of motors used in underground haulage.....	1,137	1,156	1,044	1,117	1,205
Number of animals underground.....	1,437	1,414	1,388	1,418	1,503
Number of fatal accidents.....	82	86	71	114	90
Number of non-fatal accidents.....	3,147	3,133	3,018	2,743	3,809
Tons mined to one man killed.....	548,942	485,164	539,720	377,834	501,696
Tons mined to one man injured.....	14,304	13,318	12,697	12,884	11,854
Number employed to one killed.....	599	576	683	452	595
Number employed to one injured.....	16	16	16	20	14
Number of mines using closed lights.....	20	21	20	19	22
Number of mines rock dusted.....	26	29	25	34	35

TABLE 1—CLASSIFICATION OF MINES BY DISTRICTS.

Districts.	All mines.			Shipping mines.			Local mines.		
	Mines.	Men.	Tons.	Mines.	Men.	Tons.	Mines.	Men.	Tons.
First.....	179	3,395	2,590,427	9	1,714	1,930,673	170	1,681	659,754
Second.....	122	2,780	1,946,423	8	1,727	1,460,046	114	1,053	486,377
Third.....	353	2,765	2,649,508	16	1,234	2,215,893	337	1,481	433,615
Fourth.....	57	6,575	6,577,858	16	5,943	6,245,745	41	632	332,113
Fifth.....	155	3,557	2,212,637	8	2,556	1,850,109	147	1,001	362,528
Sixth.....	79	4,782	4,272,174	13	4,418	4,226,037	66	364	46,137
Seventh.....	47	2,820	2,129,448	10	2,294	1,801,301	37	526	328,147
Eighth.....	71	3,697	2,740,307	25	3,018	2,262,668	46	679	477,659
Ninth.....	84	4,677	5,614,732	35	4,369	5,473,191	49	308	141,541
Tenth.....	17	6,922	7,986,112	12	6,907	7,985,155	5	15	957
Eleventh.....	70	4,250	3,297,848	10	3,951	3,198,829	60	239	99,019
Twelfth.....	116	2,880	2,995,804	20	2,315	2,760,767	96	565	235,037
Total.....	1,350	49,100	45,013,278	182	40,496	41,410,414	1,168	8,604	3,602,864

TABLE 2—NUMBER OF MINES OPERATED, MEN EMPLOYED, AVERAGE DAYS WORKED, TONS PRODUCED, AVERAGE TONS PER DAY AND THE AVERAGE TONS PER MAN PER DAY, ALL MINES—1882-1935.

Year.	Mines operated.	Men employed.	Average days worked.	Tons produced.	Average tons per day.	Average tons per man per day.
1882	704	20,290	190	9,115,661	47,977	2.4
1883	637	23,939	195	10,508,785	53,891	2.3
1884	739	25,575	204	10,101,004	49,514	1.9
1885	778	25,946	200	9,791,874	48,959	1.9
1886	786	25,846	185	9,246,435	49,982	1.9
1887	801	26,804	190	10,278,890	54,099	2.0
1888	833	29,410	194	11,855,185	61,109	2.1
1889	851	30,076	189	11,597,963	61,365	2.0
1890	811	28,574	175	12,638,364	72,219	2.1
1891	898	32,951	192	15,660,698	81,566	2.5
1892	833	33,632	191	17,862,276	93,520	2.8
1893	779	35,390	201	19,949,564	99,252	2.8
1894	822	38,477	173	17,113,576	98,922	2.6
1895	844	38,630	178	17,735,864	99,645	2.6
1896	868	37,032	172	19,786,626	115,038	3.1
1897	853	33,788	169	20,072,758	118,773	3.5
1898	881	35,026	165	18,599,299	112,723	3.2
1899	889	36,901	181	23,434,445	129,472	3.5
1900	920	39,384	183	25,153,929	137,453	3.5
1901	915	44,143	174	26,685,319	153,364	3.5
1902	915	46,003	177	30,021,300	169,612	3.7
1903	930	49,814	192	34,955,400	182,059	3.7
1904	932	54,774	185	37,077,897	200,421	3.7
1905	990	59,230	167	37,183,374	222,655	3.8
1906	1,018	62,283	177	38,317,581	216,433	3.5
1907	933	66,714	180	47,798,621	265,548	4.0
1908	922	70,841	180	49,272,436	273,736	3.9
1909	886	72,733	177	49,163,710	277,761	3.8
1910	881	74,634	172	48,717,853	283,243	3.8
1911	845	77,410	165	50,165,099	304,031	3.9
1912	879	79,411	160	57,514,240	359,464	4.5
1913	840	79,497	170	61,846,204	363,801	4.6
1914	796	80,035	162	60,715,795	374,789	4.7
1915	779	75,607	158	57,601,694	364,517	4.8
1916	803	75,919	163	63,673,530	390,635	5.1
1917	810	80,893	179	78,983,517	441,250	5.4
1918	966	91,372	183	89,979,469	491,691	5.4
1919	937	90,897	160	75,099,784	469,374	5.2
1920	938	88,192	159	73,920,653	464,910	5.3
1921	1,035	95,763	152	80,121,948	527,118	5.5
1922	1,133	98,090	134	63,276,827	472,215	4.8
1923	1,136	103,566	146	75,514,095	517,220	5.0
1924	1,032	99,765	140	72,308,665	516,490	5.2
1925*	913	81,684	204	103,186,166	505,815	6.2
1926	921	77,732	131	69,813,255	532,925	6.9
1927	906	78,572	119	46,949,700	394,535	5.0
1928	857	65,508	132	56,211,082	425,841	6.5
1929	803	58,596	133	61,127,759	459,607	7.8
1930	939	56,011	122	54,035,116	442,910	7.9
1931	977	53,550	127	45,152,623	355,532	6.6
1932	1,093	51,554	124	34,120,786	275,168	5.3
1933	1,266	48,464	119	38,320,125	322,018	6.6
1934	1,347	49,499	122	41,724,078	342,001	6.9
1935	1,350	49,100	112	45,013,278	401,904	8.2

\*July 1, 1924 to December 31, 1925.

TABLE 3—CLASSIFICATION OF MINES BY OUTPUT.

Mines producing —	Shipping Mines.			Local Mines.			All Mines.		
	Mines.	Men.	Tons.	Mines.	Men.	Tons.	Mines.	Men.	Tons.
Less than 1,000 tons..	2	36	1,606	721	2,474	218,853	723	2,510	220,459
1,000 but less than 10,000.....	26	652	130,511	377	3,371	1,218,668	403	4,023	1,349,179
10,000 but less than 50,000.....	38	3,181	1,203,777	57	1,799	1,297,989	95	4,980	2,501,766
50,000 but less than 100,000.....	31	3,859	2,362,201	13	960	867,354	44	4,819	3,229,555
100,000 but less than 200,000.....	17	3,709	2,301,841				17	3,709	2,301,841
200,000 but less than 300,000.....	15	4,119	3,895,763				15	4,119	3,895,763
300,000 but less than 400,000.....	14	5,237	4,980,179				14	5,237	4,980,179
400,000 but less than 500,000.....	11	4,047	4,975,252				11	4,047	4,975,252
500,000 but less than 600,000.....	7	3,206	3,869,816				7	3,206	3,869,816
600,000 but less than 700,000.....	8	4,907	5,117,741				8	4,907	5,117,741
700,000 but less than 800,000.....	3	1,729	2,262,959				3	1,729	2,262,959
800,000 and over.....	10	5,814	10,308,768				10	5,814	10,308,768
Total.....	182	40,496	41,410,414	1,168	8,604	3,602,864	1,350	49,100	45,013,278

TABLE 4—AVERAGES AND PERCENTAGES, BASED ON TABLE 3.

Mines producing—	Shipping mines.						Local mines.					
	Mines.		Men.		Tons.		Mines.		Men.		Tons.	
	Num-ber.	Per cent.	Aver- age.	Per cent.	Average.	Per cent.	Num-ber.	Per cent.	Aver- age.	Per cent.	Aver- age.	Per cent.
Less than 1,000 tons..	2	1.0	18	.1	803	.1	721	61.7	3	28.7	303	6.1
1,000 but less than 10,000.....	26	14.3	25	1.6	5,020	.3	377	32.3	9	39.2	3,232	33.8
10,000 but less than 50,000.....	38	20.9	84	7.9	31,678	2.9	57	4.9	32	20.9	22,772	36.0
50,000 but less than 100,000.....	31	17.0	124	9.5	76,200	5.7	13	1.1	74	11.2	66,720	24.1
100,000 but less than 200,000.....	17	9.3	218	9.2	135,402	5.6						
200,000 but less than 300,000.....	15	8.2	275	10.2	259,718	9.4						
300,000 but less than 400,000.....	14	7.7	374	12.9	355,727	12.0						
400,000 but less than 500,000.....	11	6.1	368	10.0	452,296	12.0						
500,000 but less than 600,000.....	7	3.9	458	7.9	552,831	9.3						
600,000 but less than 700,000.....	8	4.4	613	12.1	639,718	12.4						
700,000 but less than 800,000.....	3	1.7	576	4.2	754,319	5.4						
800,000 and over.....	10	5.5	581	14.4	1,030,877	24.9						
Total.....	182	100.0	*223	100.0	* 227,530	100.0	1,168	100.0	* 7	100.0	*3,085	100.0

\* Average.

TABLE 5—CLASSIFICATION OF MINES BY DAYS WORKED.

Mines working—	Shipping mines.			Local mines.			All mines.		
	Mines.	Men.	Tons.	Mines.	Men.	Tons.	Mines.	Men.	Tons.
Less than 50 days . . . . .	13	762	97,829	276	1,058	97,976	289	1,820	195,805
50 but less than 100 . . . . .	27	3,088	1,409,453	305	1,474	202,728	332	4,562	1,612,181
100 but less than 150 . . . . .	52	11,659	8,872,808	211	1,587	527,173	263	13,246	9,399,981
150 but less than 200 . . . . .	57	15,952	17,877,871	196	2,239	1,183,273	253	18,191	19,061,144
200 days and over . . . . .	33	9,035	13,152,453	180	2,246	1,591,714	213	11,281	14,744,167
Total . . . . .	182	40,496	41,410,414	1,168	8,604	3,602,864	1,350	49,100	45,013,278

TABLE 6—PERCENTAGES OF MINES WORKED, BASED ON TABLE 5.

Mines working—	Shipping mines.			Local mines.			All mines.		
	Per cent of—			Per cent of—			Per cent of—		
	Mines.	Men.	Tons.	Mines.	Men.	Tons.	Mines.	Men.	Tons.
Less than 50 days . . . . .	7.1	1.9	.2	23.6	12.3	2.7	21.4	3.7	.4
50 but less than 100 . . . . .	14.8	7.6	3.4	26.1	17.1	5.6	24.6	9.3	3.6
100 but less than 150 . . . . .	28.6	28.8	21.4	18.1	18.4	14.6	19.5	27.0	20.9
150 but less than 200 . . . . .	31.3	39.4	43.2	16.8	26.1	32.9	18.7	37.0	42.3
200 days and over . . . . .	18.2	22.3	31.8	15.4	26.1	44.2	15.8	23.0	32.8
Total . . . . .	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TABLE 7—CLASSIFICATION OF MINES BY NUMBER OF MEN EMPLOYED.

Mines employing—	Shipping mines.			Local mines.			All mines.		
	Mines.	Men.	Tons.	Mines.	Men.	Tons.	Mines.	Men.	Tons.
Less than 10 men . . . . .	2	13	7,493	949	3,704	801,439	951	3,717	808,932
10 but less than 25 . . . . .	24	378	170,679	170	2,349	1,234,453	194	2,727	1,405,132
25 but less than 50 . . . . .	14	489	386,986	29	969	616,930	43	1,458	1,003,916
50 but less than 100 . . . . .	32	2,330	3,075,224	15	943	607,839	47	3,273	3,683,063
100 but less than 200 . . . . .	37	5,174	4,405,885	5	639	342,203	42	5,813	4,748,088
200 but less than 300 . . . . .	20	5,042	5,041,354	.....	.....	.....	20	5,042	5,041,354
300 but less than 400 . . . . .	16	5,693	6,088,029	.....	.....	.....	16	5,693	6,088,029
400 but less than 500 . . . . .	13	5,852	5,727,927	.....	.....	.....	13	5,852	5,727,927
500 but less than 600 . . . . .	15	8,096	9,330,712	.....	.....	.....	15	8,096	9,330,712
600 but less than 700 . . . . .	5	3,230	3,493,454	.....	.....	.....	5	3,230	3,493,454
700 but less than 800 . . . . .	.....	.....	.....	.....	.....	.....	.....	.....	.....
800 and over . . . . .	4	4,199	3,682,671	.....	.....	.....	4	4,199	3,682,671
Total . . . . .	182	40,496	41,410,414	1,168	8,604	3,602,864	1,350	49,100	45,013,278

TABLE 8—PERCENTAGES OF MINES BY EMPLOYEES, BASED ON  
TABLE 7.

[illegible]



# SHIPPING AND LOCAL MINES— SHIPPING

District.	Number of mines.	Total tons mined.	Disposition of output in tons.					
			Loaded on cars for shipment.	Sold to railroad companies.	Supplied to locomotives.	Sold to local trade.	Used at the mine.	All coal not sold including waste.
First.....	9	1,930,673	1,195,619	281,595	700	417,055	17,302	18,402
Second.....	8	1,460,046	285,736	955,824		210,282	6,668	1,536
Third.....	16	2,215,893	1,499,806	542,851		144,317	9,067	19,852
Fourth.....	16	6,245,745	4,698,907	1,037,147	16,495	426,964	44,928	21,304
Fifth.....	8	1,850,109	1,049,304	567,664	2,312	214,674	12,487	3,668
Sixth.....	13	4,226,037	109,081	2,792,058	11,714	148,960	131,954	44,270
Seventh.....	10	1,801,301	1,214,209	187,677		308,305	72,214	18,896
Eighth.....	25	2,262,668	1,002,005	310,001	19,019	836,993	73,709	20,941
Ninth.....	35	5,473,191	2,953,054	1,962,691	50,778	348,646	68,442	89,850
Tenth.....	12	7,985,155	5,087,354	2,443,883		79,694	100,185	274,039
Eleventh.....	10	3,198,829	2,443,802	569,563		81,675	60,091	43,698
Twelfth.....	20	2,760,767	1,755,723	809,608		83,066	45,019	67,351
Total.....	182	41,410,414	24,282,600	12,460,562	101,018	3,300,631	642,066	623,537

## LOCAL

First.....	170	659,754				558,459	97,866	3,429
Second.....	114	486,377				479,715	6,662	
Third.....	337	433,615				427,938	5,677	
Fourth.....	41	332,113				316,160	10,299	5,654
Fifth.....	147	362,528				290,208	72,320	
Sixth.....	66	46,137				44,524	744	869
Seventh.....	37	328,147				303,787	13,242	11,118
Eighth.....	46	477,639				460,003	7,548	10,088
Ninth.....	49	141,541				127,155	11,539	2,847
Tenth.....	5	957				907	50	
Eleventh.....	60	99,019				93,200	5,819	
Twelfth.....	96	235,037				225,691	9,346	
Total.....	1,168	3,602,864				3,327,747	241,112	34,005

## ALL

First.....	179	2,590,427	1,195,619	281,595	700	975,514	115,168	21,831
Second.....	122	1,946,423	285,736	955,824		689,997	13,300	1,536
Third.....	353	2,649,508	1,499,806	542,851		572,255	14,744	19,852
Fourth.....	57	6,577,858	4,698,907	1,037,147	16,495	743,124	55,227	26,958
Fifth.....	155	2,212,637	1,049,304	567,664	2,312	504,882	84,807	3,668
Sixth.....	79	4,272,174	1,097,081	2,792,058	11,714	193,484	132,698	45,139
Seventh.....	47	2,129,448	1,214,209	187,677		612,092	85,456	30,014
Eighth.....	71	2,740,307	1,002,005	310,001	19,019	1,296,996	81,257	31,029
Ninth.....	84	5,614,732	2,953,054	1,962,691	50,778	475,801	79,981	92,427
Tenth.....	17	7,986,112	5,087,354	2,443,883		80,601	100,235	274,039
Eleventh.....	70	3,297,848	2,443,802	569,563		174,875	65,910	43,698
Twelfth.....	116	2,995,804	1,755,723	809,608		308,757	54,365	67,351
Total.....	1,350	45,013,278	24,282,600	12,460,562	101,018	6,628,378	893,178	657,542

# RECAPITULATION FOR THE STATE. MINES.

Total employees.	Days operated.	Explosives used for blasting coal.				Number of mining machines used.	Number of motors in use.	Tons mined by—			Number of animals underground.
		Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissible—pounds.			Machine.	Hand.	Stripping.	
1,714	192	9,545	55,000	2,000		7	4	141,433	247,181	1,542,059	139
1,727	173	3,771	308,425		30,425	66	25	1,328,335	131,711		159
1,284	168	7,976	116,756	1,869	41,723	34	13	605,094	46,031	1,564,768	93
5,943	151	54,356	3,092,475	100	22,750	52	146	4,714,778	1,530,967		259
2,556	148	876	264,050	69,950	135,775	68	50	1,746,748	5,882	97,479	64
4,418	181	1,957	141,797		483,950	68	123	4,226,037			56
2,294	132	7,561	97,255	3,300	60,100	68	55	1,760,276	34,180	6,845	90
3,018	138	44,376	266,800	125	7,350	60	67	1,140,595	1,122,073		164
4,369	111	11,974	313,660	92,083	233,975	110	76	2,108,786	236,552	3,127,853	142
6,907	147				740,475	210	353	7,985,155			78
3,951	153	112	129,450	174,000	205,800	210	144	2,936,146		262,683	130
2,315	145	1,731	243,095	2,000	207,225	57	81	2,163,726	63,823	533,218	52
40,496	147	144,235	5,028,763	345,427	2,169,548	1,010	1,137	30,857,109	3,418,400	7,134,905	1,426

## MINES.

1,681	117	15,740	29,960	2,390		18		179,032	301,532	179,190	
1,053	120	19,771	64,175			26		336,920	147,757	1,700	
1,481	98	17,110	14,450	115		12	3	165,920	253,240	14,455	
632	155	12,842	4,385			10		123,811	208,302		
1,001	104	12,824	10,006		18,666	12		139,449	219,791	3,288	
364	102	1,014	2,100			2		4,910	40,857	3,370	
526	118	3,913	14,650	100		17		265,656	59,071	3,420	11
679	130	11,485	39,730	50		7		56,690	295,139	125,810	
308	147	4,743	11,950			12		60,873	78,466	2,202	
15	62									957	
299	79	3,305	14,080	3,450		7		49,168	42,837	7,014	
565	109	9,314	42,400			6		49,387	177,612	8,038	
8,604	107	112,061	247,886	6,105	18,666	128	3	1,431,816	1,824,604	346,444	11

## MINES.

3,395	121	25,285	84,960	4,390		25	4	320,465	548,713	1,721,249	139
2,780	123	23,542	372,600		30,425	92	25	1,665,255	279,468	1,700	159
2,765	102	25,086	131,206	1,984	41,723	46	16	771,014	299,271	1,579,223	93
6,575	154	67,198	3,096,860	100	22,750	62	146	4,838,589	1,739,269		259
3,557	106	13,700	274,056	69,950	154,441	80	50	1,886,197	225,673	100,767	64
4,762	115	2,971	143,897		483,950	70	123	4,230,947	40,857	370	56
2,820	120	11,474	111,905	3,400	60,100	85	55	2,025,932	93,251	10,265	101
3,697	133	55,861	306,530	175	7,350	67	67	1,197,285	1,417,212	125,810	164
4,677	132	16,717	325,610	92,083	233,975	122	76	2,169,659	315,018	3,130,055	142
6,922	209				740,475	210	353	7,985,155		957	78
4,250	88	3,417	143,530	177,450	205,800	217	144	2,985,314	42,837	269,697	130
2,880	115	11,045	285,495	2,000	207,225	63	81	2,213,113	241,435	541,256	52
49,100	113	256,296	5,276,649	351,532	2,188,214	1,139	1,140	32,288,925	5,243,004	7,481,349	1,437

TABLE 9—CLASSIFICATION OF SHIPPING

District.	Less than 50 days.				50 but less than 100 days.			
	Mines.	Days.	Men.	Tons.	Mines.	Days.	Men.	Tons.
First.....					2	88	436	108,624
Second.....								
Third.....					4	67	214	130,868
Fourth.....					3	60	709	153,806
Fifth.....	1	48	15	1,163				
Sixth.....					2	77	113	16,317
Seventh.....	1	43	13	6,845				
Eighth.....					4	83	494	182,115
Ninth.....	7	31	238	18,576	10	83	1,071	776,470
Tenth.....	1	31	277	36,879				
Eleventh.....	1	36	172	26,682				
Twelfth.....	2	27	47	7,684	3	80	79	56,653
Total and average.....	13	a 33	762	97,829	28	a 76	3,116	1,424,853

<sup>a</sup> Average.

TABLE 10—CLASSIFICATION OF LOCAL

District.	Less than 50 days.				50 but less than 100 days.			
	Mines.	Days.	Men.	Tons.	Mines.	Days.	Men.	Tons.
First.....	33	31	218	13,293	47	73	278	21,553
Second.....	15	32	44	2,102	34	72	144	18,956
Third.....	92	26	247	11,036	98	70	372	50,181
Fourth.....	2	33	3	87	3	73	39	4,584
Fifth.....	46	28	154	12,398	35	73	131	15,821
Sixth.....	14	29	47	2,533	23	72	106	7,759
Seventh.....	8	33	51	3,965	10	77	58	4,604
Eighth.....	7	26	51	4,731	10	68	149	40,619
Ninth.....	3	22	17	1,495	9	68	40	8,266
Tenth.....	3	40	9	330	1	90	4	514
Eleventh.....	23	21	67	3,407	15	75	58	11,078
Twelfth.....	30	32	150	42,599	20	68	95	18,788
Total and average.....	276	a 28	1,058	97,976	305	a 71	1,474	202,728

<sup>a</sup> Average.

## MINES BY DAYS WORKED—BY DISTRICTS.

100 but less than 150 days.				150 but less than 200 days.				200 days and over.			
Mines.	Days.	Men.	Tons.	Mines.	Days.	Men.	Tons.	Mines.	Days.	Men.	Tons.
1	144	26	36,775	1	183	142	82,373	5	245	1,110	1,702,901
1	140	103	26,951	6	174	1,268	1,006,187	1	201	356	426,908
2	133	56	42,907	3	186	270	525,881	7	229	744	1,516,237
3	129	1,163	705,893	7	171	2,882	3,218,670	3	218	1,189	2,167,376
3	133	162	97,254	3	178	2,032	1,576,833	1	207	347	174,859
2	141	682	431,409	1	168	275	106,317	8	219	3,348	3,671,994
6	124	1,110	583,029	3	180	1,171	1,211,427				
13	132	1,523	1,037,955	6	165	644	531,925	2	235	357	510,673
8	130	1,705	1,569,904	9	174	1,132	2,176,059	1	214	223	932,182
3	129	1,897	2,093,275	7	164	4,113	4,645,072	1	206	620	1,209,929
3	131	1,922	1,266,618	5	180	1,454	1,493,373	1	202	403	412,156
6	126	1,191	1,036,456	6	176	664	1,232,736	3	251	334	427,238
51	a 111	11,540	8,928,426	57	a 173	16,047	17,806,853	33	a 227	9,031	13,152,453

## MINES BY DAYS WORKED—BY DISTRICTS.

100 but less than 150 days.				150 but less than 200 days.				200 days and over.			
Mines.	Days.	Men.	Tons.	Mines.	Days.	Men.	Tons.	Mines.	Days.	Men.	Tons.
30	115	301	76,905	33	177	400	176,207	27	226	484	371,791
21	121	108	27,512	31	172	641	392,092	13	229	116	45,715
60	111	224	46,238	44	157	215	69,403	43	229	423	256,762
9	130	296	134,330	13	164	152	99,812	14	240	142	93,300
23	123	128	41,433	23	162	251	101,623	20	245	337	191,253
14	121	90	12,158	7	162	52	8,791	8	238	69	14,891
7	121	112	55,992	6	170	85	44,769	6	240	220	218,817
9	122	107	47,082	11	178	231	180,583	9	229	141	204,624
9	121	45	19,297	13	169	95	50,660	15	214	111	61,823
1	100	2	113								
12	113	88	27,559	4	158	28	14,080	6	226	58	42,895
16	109	86	38,559	11	166	89	45,248	19	238	145	89,843
211	a 118	1,587	527,178	196	a 169	2,239	1,183,268	180	a 230	2,246	1,591,714

TABLE 11.—SHIPPING MINES—LOCATION, TONS MINED AND RANK, EMPLOYEES, DAYS WORKED, AVERAGE DAILY PRODUCTION AND RANK, ARRANGED IN ALPHABETICAL ORDER.

Rank.	Name of operator and mine.	Location.		Production in tons.	Number employed.	Days worked.	Av. daily production.	
		District.	Post, office of mine.				Tons.	Rank.
167	Bailey Bros. Coal Co.	9	DuQuoin	4,755	11	171	28	172
162	Bayles, D. B.	3	Canon	6,845	10	96	71	160
146	Beckroup Coal Co.	9	Puckneyville	18,674	13	175	107	152
109	Beckmeyer	9	Beckmeyer	68,837	109	152	453	114
3	Beil & Zoller Coal & Mining Co., No. 1	1,209,929		1,209,929	620	206	5,873	3
18	Beil & Zoller Coal & Mining Co., No. 2	635,932		635,932	883	131	4,854	9
172	Bibb Coal Co.	2,791		2,791	12	25	173	173
103	Blackley Coal Co.	3	Puckneyville	71,197	69	213	334	126
102	Blackley Coal Co.	3	Canon	262,683	83	165	1,592	62
86	Blue Bird Coal Co.	11	Carrier Mills	98,407	101	166	593	96
158	Blue Hill Coal Co.	12	Marion	8,143	40	64	127	149
123	Boggs Hill Coal Mining Co., No. 45	9	Puckneyville	43,635	72	125	349	125
134	Boggs Hill Coal Mining Co.	1	Ottawa	36,775	26	144	255	135
136	Buffalo Reek Coal Co.	7	Collinsville	33,744	58	133	254	136
163	Bullock Mining Co.	12	Marion	6,400	35	35	182	144
153	Carbon Fuel Co.	12	Marion	9,845	90	90	109	151
155	Carolan, W. F., & Co., Inc.	12	Carbondale	12,384	24	170	73	159
54	Cartersville Mining & Eng. Co.	4	Springfield	322,974	312	214	1,509	64
52	Central Illinois Coal Mining Co., "A"	9	Centuria	286,281	233	166	1,725	56
58	Centralia Coal Co., No. 2	10	Orient	679,844	480	146	4,656	10
15	Chicago, Wilmington & Franklin Coal Co., No. 1	1,387,812		1,387,812	930	150	9,252	1
108	Chicago, Wilmington & Franklin Coal Co., No. 2	70,820		70,820	109	139	509	107
103	Chicopee Coal Co., "E"	8	Troy	85,142	107	180	473	112
100	City Lake Coal Co.	12	Besse	7,405	40	96	77	157
160	Clarkson Coal & Mining Co.	12	Herrin	76,948	102	197	391	122
56	Coal Strip Mine, No. 1	9	Puckneyville	292,047	96	140	2,086	47
137	Conant Coal Co.	9	Centuria	8,371	15	183	46	165
82	Consolidated Coal Co., No. 7	6	Centuria	106,317	275	168	633	93
24	Consolidated Coal Co., No. 7	574,630		574,630	370	166	3,482	20
13	Consolidated Coal Co., No. 15	722,832		722,832	520	200	3,614	18
149	Consumers Coal & Materials Co.	16	Mt. Olive	15,717	13	317	50	164
121	Coulterville Coal Co.	12	Marion	46,087	176	70	658	90
30	Crerar-Clitch Coal Co., No. 14	479,555		479,555	695	141	3,401	21
73	Crerar-Clitch Coal Co., No. 15	136,850		136,850	110	88	1,555	63
37	Crescent Mining Co., No. 1	426,908		426,908	356	201	2,124	45
20	Crescent Mining Co., No. 6	611,693		611,693	536	198	3,089	26
83	Curtler Coal Co.	101,753		101,753	111	150	678	88
43	Delta Coal Mining Co.	359,836		359,836	90	184	1,956	53
168	Diamond Coal Co.	4,500		4,500	12	131	34	169
79	Dorthel Coal Co., No. 1	117,910		117,910	191	160	737	87

133 Dorthel Coal Co., No. 2	36, 133	138	64	564	98
134 Dorthel Coal Co., No. 3	100, 628	162	182	553	101
141 Eldmar Coal Co.	27, 630	42	120	225	138
161 Erie Sootless Coal Co.	7, 179	89	59	122	150
87 Forsyth Carterville Coal Co.	96, 633	33	172	558	100
50 Franco Mining Corp., No. 1	344, 334	329	186	1,851	54
29 Franklin County Coal Corp., No. 5	487, 803	570	183	2,666	34
28 Franklin County Coal Corp., No. 7	505, 910	575	157	3,222	24
139 Freeburg Coal Co.	31, 181	66	99	315	129
72 Freeman Coal Mining Co.	166, 801	276	119	1,402	67
57 Galesburg Mining Co., No. 1	289, 580	295	210	1,379	68
122 Gill Coal Corp.	45, 666	115	86	531	104
61 Gillespie Coal Co.	268, 349	222	231	1,162	75
112 Glenwood Mining Co.	65, 989	127	245	407	120
153 Golden Rule Coal Co.	12, 436	13	163	51	163
110 Golden Rule Coal Co.	68, 230	66	140	487	110
96 Groom Coal Co.	83, 134	107	156	533	103
134 Guest Coal Co.	35, 696	80	128	279	132
170 Guff Fuel & Mining Co.	3, 800	100	12	316	128
73 Gundlach Coal Co.	163, 286	129	185	883	79
71 Hillsboro Coal Co.	170, 571	239	227	751	84
174 Home Coal Co.	2, 301	14	25	32	155
179 Home Coal Mining Co., No. 1	1, 632	14	29	36	108
176 Hustler Coal Co., No. 8	1, 861	22	41	45	166
129 Illinois Colliery Co.	37, 834	32	145	261	134
95 Illinois-Pocahontas Coal Co.	84, 355	187	100	844	83
119 Illinois Zinc Co., No. 3	47, 171	132	247	191	143
152 Ill.-Mo. Coal Co.	13, 740	30	137	100	153
173 Imperial Valley Coal Co.	2, 044	17	65	31	170
142 Indiana & Illinois Coal Corp., No. 10	370, 358	535	137	2,703	33
130 Interstate Coal Co., No. 21	36, 879	277	31	1,189	73
138 Jefferson Coal Mining Co., No. 81	33, 356	240	64	521	105
177 Jeffries Coal Co.	1, 284	12	19	67	161
113 Jones Bros. Coal Mining Co., No. 2	65, 207	136	129	505	108
80 Lake Erie Mining Co.	107, 417	145	168	639	92
125 Lenzburg Coal Co.	41, 147	53	118	349	125
69 Livingston-Mt. Olive Coal Co., No. 1	189, 028	343	138	1,370	69
41 Lumsaghi Coal Co., No. 2	384, 062	387	169	2,273	40
127 Mc Laren Coal Co.	39, 403	26	53	743	85
70 Macon County Coal Co.	174, 859	347	207	845	82
77 Madison Co. Coal & Mining Co.	135, 500	215	115	1,178	74
60 Marion County Coal Co.	272, 574	251	165	1,652	58
31 Midland Electric Coal Corp., No. 1	476, 973	122	298	1,601	61
23 Midland Electric Coal Corp., No. 2	593, 972	150	279	2,129	44
135 MidState Coal Co., No. 81	34, 604	183	57	607	95
64 Mine B Coal Co., "B"	249, 495	430	126	1,980	50
65 Moffat Coal Co.	239, 186	377	94	2,544	36
145 Morgan, F. C. Coal Co.	22, 771	22	107	213	139
85 Mt. Olive Coal Co.	100, 009	185	203	468	109
25 Mt. Olive & Staunton Coal Co.	554, 791	533	195	2,845	29
118 Mulberry Hill Coal Co.	47, 925	88	113	424	117
159 New Galem Coal Co.	7, 976	47	33	242	137
3 Farmington	36, 133	138	64	564	98
3 Farmington	100, 628	162	182	553	101
8 Belleville	27, 630	42	120	225	138
6 Moweaqua	7, 179	89	59	122	150
12 Carterville	96, 633	33	172	558	100
12 Johnston City	344, 334	329	186	1,851	54
10 Herrin	487, 803	570	183	2,666	34
10 Royaltown	505, 910	575	157	3,222	24
8 Freeburg	31, 181	66	99	315	129
12 Herrin	166, 801	276	119	1,402	67
3 Galesburg	289, 580	295	210	1,379	68
8 Marissa	45, 666	115	86	531	104
6 Gillespie	268, 349	222	231	1,162	75
2 Edwards	65, 989	127	245	407	120
3 Middle Grove	12, 436	13	163	51	163
8 Lenzburg	68, 230	66	140	487	110
8 Belleville	83, 134	107	156	533	103
8 Belleville	35, 696	80	128	279	132
9 Sparta	3, 800	100	12	316	128
8 E. St. Louis	163, 286	129	185	883	79
6 Hillsboro	170, 571	239	227	751	84
9 Willsville	2, 301	14	25	32	155
9 Tamaroa	1, 632	14	29	36	108
9 Willsville	1, 861	22	41	45	166
3 Farmington	37, 834	32	145	261	134
7 Pocahontas	84, 355	187	100	844	83
1 Peru	47, 171	132	247	191	143
9 Sparta	13, 740	30	137	100	153
9 Tamaroa	2, 044	17	65	31	170
6 Nokomis	370, 358	535	137	2,703	33
10 West Frankfort	36, 879	277	31	1,189	73
4 Springfield	33, 356	240	64	521	105
12 Herrin	1, 284	12	19	67	161
9 Marissa	65, 207	136	129	505	108
2 Peoria	107, 417	145	168	639	92
8 Lenzburg	41, 147	53	118	349	125
7 Livingston	189, 028	343	138	1,370	69
7 Collinsville	384, 062	387	169	2,273	40
12 Carterville	39, 403	26	53	743	85
5 Decatur	174, 859	347	207	845	82
7 Edwardsville	135, 500	215	115	1,178	74
7 Centralia	272, 574	251	165	1,652	58
21 Atkinson	476, 973	122	298	1,601	61
3 Farmington	593, 972	150	279	2,129	44
4 Springfield	34, 604	183	57	607	95
4 Springfield	249, 495	430	126	1,980	50
9 Sparta	239, 186	377	94	2,544	36
5 Danville	22, 771	22	107	213	139
6 Mt. Olive	100, 009	185	203	468	109
7 Staunton	554, 791	533	195	2,845	29
8 Freeburg	47, 925	88	113	424	117
9 Cutler	7, 976	47	33	242	137

TABLE 11—Concluded.

Rank.	Name of operator and mine.	Location.		Number employed.	Days worked.	Av. daily production.	
		District.	Post office of mine.			Tons.	Rank.
126	New National Coal & Mining Co.	8	Belleville	59	144	275	133
164	New Watson Coal Co.	12	Herrin	28	117	52	162
115	Norris City Coal Mining Co.	11	Norris City	81	187	281	131
6	Northern Illinois Coal Corp., No. 10	11	Wilmington	324	258	3,879	17
144	Oakwood Coal Co.	5	Oakwood	63	148	158	147
108	Odin Coal Co.	7	Odin	198	119	585	97
104	O. K. Coal Co.	8	Marissa	140	111	643	91
16	Old Ben Coal Corp., No. 8	10	West Frankfort	515	168	3,887	16
26	Old Ben Coal Corp., No. 14	10	Buckner	491	153	3,492	19
17	Old Ben Coal Corp., No. 15	10	West Frankfort	495	161	3,959	15
27	Old Ben Coal Corp., No. 18	12	Johnston City	533	128	3,989	14
81	Pana Coal Co., No. 1	4	Pana	184	160	669	89
59	Panther Creek Mines, Inc., No. 4	4	Springfield	420	155	1,763	55
62	Panther Creek Mines, Inc., No. 5	4	Springfield	404	184	1,453	66
4	Peabody Coal Co., No. 7	4	Kincaid	507	201	5,176	6
7	Peabody Coal Co., No. 8	4	Kincaid	582	199	5,007	8
9	Peabody Coal Co., No. 9	4	Taylorville	491	171	5,127	7
36	Peabody Coal Co., No. 19	10	West Frankfort	537	174	2,523	37
34	Peabody Coal Co., No. 24	5	Danville	470	159	2,878	28
19	Peabody Coal Co., No. 47	11	Harco	876	144	4,267	13
51	Peabody Coal Co., No. 53	4	Springfield	421	163	2,054	48
54	Peabody Coal Co., No. 57	4	Springfield	382	136	2,164	42
10	Peabody Coal Co., No. 58	4	Taylorville	370	238	3,378	22
44	Peabody Coal Co., No. 59	4	Springfield	380	168	2,161	43
171	Peacock Coal Co.	9	Cartersville	26	90	41	167
91	Penswell Coal Mining Co.	4	Pana	286	58	1,480	65
90	Perfection Coal Co.	9	DuQuoin	50	89	970	77
94	Perry Coal Co., "Carbon"	8	O'Fallon	106	151	563	99
53	Perry Coal Co., "St. Ellen"	3	O'Fallon	234	239	1,281	71
166	Peterson Coal Co.	8	Canton	4	121	41	167
78	Prairie Coal Co.	8	Belleville	180	145	869	81
98	Prairie State Coal Co.	1	Granville	394	92	882	80
99	Rehder & Sons, No. 1	3	Canton	75	208	382	123
169	Riparian Coal Co.	12	Marion	13	122	34	169
8	Pyramid Coal Corp.	9	Puckneyville	223	214	4,356	12
101	Pyramid Coal Corp. Coal Strip No. 2	5	Danville	74	183	408	119
128	Quality Coal & Mining Co.	8	Belleville	73	146	261	134
165	Reed, E. A. Coal Co.	3	Canton	12	188	29	171
148	Rentschler Fuel Co.	8	Belleville	51	76	208	140
46	Rex Coal Co., No. 2	11	Eldorado	338	182	1,960	52
						356,788	

150 Ring Coal Co.	15,400	28	115	134
142 Roanoke Coal & Tile Co.	26,981	103	140	142
47 Sahara Coal Co., No. 1	359,152	622	131	2,742
55 Sahara Coal Co., No. 3	292,979	424	119	2,462
46 Sahara Coal Co., No. 10	359,423	423	183	1,964
39 Sahara Coal Co., No. 12	412,156	403	202	2,040
68 St. Louis Coal Co.	200,972	227	185	2,086
49 St. Louis & O'Fallon Coal Co., No. 2	352,472	490	140	2,518
74 Sangamon Coal Co., No. 2	162,059	351	124	1,307
120 Service Coal Co.	46,483	86	164	283
40 Seymour Coal Co.	396,812	297	237	1,674
97 Shuler Coal Mining Co.	82,373	142	183	450
178 Skelton, J. G., Coal Co.	1,163	15	48	24
117 Southern Coal, Coke & Min. Co., No. 6	48,894	90	123	397
66 Southern Coal, Coke & Min. Co., No. 7	204,551	123	231	885
89 Southern Coal, Coke & Min. Co., No. 9	89,439	262	70	1,278
156 South Mine Coal Co.	9,138	24	95	96
151 Spillertown Mining Co.	14,709	24	200	158
124 Spring Valley Coal Min. Co., No. 3	42,129	226	206	205
162 Stiers Bros. Construction Co.	6,845	13	43	146
147 Sunnyside Coal Co.	18,473	53	233	156
22 Superior Coal Co., No. 1	595,452	544	217	2,744
14 Superior Coal Co., No. 2	682,310	618	219	3,116
12 Superior Coal Co., No. 3	762,528	665	231	3,301
43 Superior Coal Co., No. 4	369,943	375	235	1,644
107 Sutton, W. G., Coal Co.	69,776	211	164	425
179 Swords, Geo., Coal Co.	2,420	9	53	46
181 Tamaroa Coal Co., No. 43	806	20	42	19
180 Tamaroa Fuel Co.	806	16	35	23
116 Tilton Mining Co.	51,026	77	143	357
67 Truax-Traer Coal Co., No. 1	202,096	152	72	2,907
32 Truax-Traer Coal Co., No. 2	462,294	173	150	2,082
35 Truax-Traer Coal Co., No. 1	451,195	90	213	2,118
42 Truax-Traer Coal Co., No. 2	85,470	57	53	1,013
137 Ubben Coal Co.	33,402	58	189	177
76 Union Coal Co.	135,817	286	216	629
21 Union Colliery Co.	603,087	544	131	4,604
38 United Electric Coal Co., No. 9	419,793	96	188	2,253
5 United Electric Coal Co., No. 11	1,016,051	247	192	5,292
3 United States Fuel Co., "Bun"	1,044,440	1,510	191	5,468
11 Valier Coal Co., No. 1	777,499	534	109	77
102 Vinegar Hill Coal Co.	74,240	67	143	519
114 Virden Coal Co.	61,051	147	144	424
98 Wallace Coal Co.	91,446	46	197	464
143 Wason Coal Co., "A"	26,682	172	36	741
33 Wason Coal Co., No. 1	461,980	529	181	2,552
106 Whip-Poor-Will Coal & Mining Co.	69,862	120	127	550
111 White Coal Co.	67,344	95	142	474
140 Wilmington Coal Mines, Inc.	27,500	42	83	331
132 Winkle Coal Co.	36,640	95	87	421
Totals	41,410,414	40,496	147	251,904

TABLE 12—OUTPUT OF SHIPPING MINES

Number.	Name of operator.	Name, number or letter of shaft.	Post office address of mine.	Number of days in operation and tons of coal mined.							
				January.		February.		March.		April.	
				Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.
BUREAU COUNTY—FIRST DISTRICT.											
1	Spring Valley Coal Mining Co.		Spring Valley	25	3,801	23	4,409	13	2,861	8	1,542
HENRY COUNTY—FIRST DISTRICT.											
1	Midland Electric Coal Corp.	1	Atkinson	26	33,170	24	33,431	26	41,235	25	38,318
2	Shuler Coal Mining Co.		Alpha	23	12,799	17	9,608	18	9,896	7	2,779
	Total and average			25	45,969	20	43,039	22	51,131	16	41,097
LA SALLE COUNTY—FIRST DISTRICT.											
1	Buffalo Rock Coal Co.		Ottawa	22	4,760	15	3,815	22	4,915	2	912
2	Illinois Zinc Co.	3	Peru	22	6,626	17	5,184	13	4,298	16	2,249
3	Union Coal Co.		Peru	23	14,890	18	11,431	21	13,756	20	12,753
4	Wilmington Coal Mines, Inc.		Marseilles								
	Total and average			22	26,276	17	20,430	19	22,969	13	15,914
PUTNAM COUNTY—FIRST DISTRICT.											
1	Prairie State Coal Co.		Granville	23	21,155	19	17,635	11	9,472		
WILL COUNTY—FIRST DISTRICT.											
1	Northern Illinois Coal Corp.	10	Wilmington	27	91,672	24	89,709	26	97,022	21	68,969
PEORIA COUNTY—SECOND DISTRICT.											
1	Crescent Mining Co.	1	Peoria	23	47,545	20	41,257	21	44,740	13	26,107
2	Crescent Mining Co.	6	Peoria	23	70,884	20	63,094	21	64,593	13	39,397
3	Dorthel Coal Co.	1	Hanna City	25	15,959	21	15,539	21	15,038		
4	Glenwood Mining Co.	4	Edwards	23	9,579	21	9,062	20	8,974	5	2,263
	Total and average			23	143,967	21	128,952	21	133,345	16	67,767
TAZEWELL COUNTY—SECOND DISTRICT.											
1	Lake Erie Mining Co.		Peoria	21	19,546	19	15,281	24	13,705	22	9,692
2	Ubben Coal Co.		Pekin	23	5,807	23	4,603	25	4,752	18	1,507
	Total and Average			22	25,353	22	19,884	25	18,457	20	11,199
WOODFORD COUNTY—SECOND DISTRICT.											
1	Roanoke Coal & Tile Co.		Roanoke	23	4,994	20	4,576	17	3,483		
2	W. G. Sutton Coal Co.	2	Minonk	23	10,568	19	8,955	20	8,775	7	2,569
	Total and average			23	15,562	20	13,531	19	12,258	7	2,569
FULTON COUNTY—THIRD DISTRICT.											
1	D. B. Bayles		Canton	25	10,716	23	7,875	23	7,035	9	237
2	Blackley Coal Co.		Canton	23	12,538	19	10,241	22	13,354		
3	Dorthel Coal Co.	2	Farmington	23	17,242	20	14,702	22	15,007		
4	Dorthel Coal Co.	3	Farmington	23	1,182	22	1,094	21	965	1	53
5	Golden Rule Coal Co.		Middle Grove	25	9,162	17	6,852	13	4,861	2	380
6	Illinois Colliery Co.		Farmington	26	50,815	24	49,800	26	56,634	14	32,900
7	Midland Electric Coal Corp.	2	Farmington								
8	Peterson Coal Co.		Sugarville								
9	Pschirrer & Sons Coal Co.		Canton	25	9,838	20	7,215	23	10,267	7	2,069
10	Reed, E. A. Coal Co.		Canton	22	575	20	600	20	608	4	116
11	Sunnyside Coal Co.		Cuba	27	2,570	24	2,300	22	1,983	12	1,206
12	Swords, George		Canton	25	1,399	10	253	18	768		
13	Truax-Traer Coal Co.		Fiatt								

## AND DAYS WORKED EACH MONTH IN 1935.

Number of days in operation and tons of coal mined.

May.		June.		July.		August.		September.		October.		November.		December.		Total.		Number.
Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	
7	1,332	7	1,073	6	969	23	4,040	22	4,822	23	4,471	24	5,204	25	7,605	206	42,129	1
26	30,674	25	42,690	25	37,657	26	46,346	19	33,939	27	50,731	24	43,807	25	44,975	298	476,973	1
11	4,257	9	3,769	5	1,581	7	1,672	21	6,843	20	8,696	20	9,007	25	11,466	183	82,373	2
18	34,931	17	46,459	15	39,238	17	48,018	20	40,782	24	59,427	22	52,814	25	56,441	241	559,346	
25	2,155	25	2,099	25	2,212	27	1,130	18	4,225	22	5,968	17	4,562	22	6,488	144	36,775	1
18	11,649	13	5,978	5	2,674	16	2,753	20	3,630	20	5,210	15	4,431	22	6,324	247	47,171	2
22	13,804	19	8,077	15	4,886	13	9,590	18	12,058	23	15,971	21	12,284	20	12,783	216	135,817	3
21	69,192	19	77,020	12	46,534	15	1,281	15	2,069	22	8,537	20	8,063	21	7,550	83	27,500	4
18	38,927	10	22,951	17	32,400	14	2,177	22	10,499	16	9,874	17	11,740	21	14,903	168	107,417	1
14	43,621	21	65,003	19	57,444	9	2,508	12	3,798	25	3,825	24	3,376	25	5,094	189	33,402	2
19	13,051	11	9,035	4	2,086	16	36,994	13	71,347	21	137,411	19	108,418	21	141,090	180	1,222,500	
3	1,128	5	2,049	7	2,817	20	2,177	22	10,499	16	9,874	17	11,740	21	14,903	168	107,417	1
14	96,727	12	99,038	19	57,444	9	2,508	12	3,798	25	3,825	24	3,376	25	5,094	189	33,402	2
4	835	5	1,805	6	2,215	10	3,046	17	8,908	22	13,227	16	9,729	21	13,042	152	96,727	
10	991	5	440	16	315	17	1,159	25	2,704	23	1,236	23	8,752	24	11,572	213	71,197	2
8	1,380	12	1,981	11	1,072	11	2,590	22	8,273	23	9,714	22	8,752	24	11,572	213	71,197	2
2	870	17	8,209	22	4,102	22	5,330	13	6,452	16	11,048	9	6,368	16	11,298	182	100,628	4
24	646	21	863	25	1,340	21	1,138	22	1,107	21	1,102	23	1,645	21	1,301	245	12,436	5
5	1,260	7	1,224	2	231	4	715	13	2,050	21	3,476	16	3,375	20	4,248	145	37,834	6
24	46,817	25	55,278	22	43,979	25	49,314	17	35,652	27	67,188	24	55,761	25	49,834	279	593,972	7
10	369	12	920	19	178	20	985	18	772	17	794	15	605	10	450	121	5,073	8
10	3,068	11	1,848	12	2,703	14	3,372	23	8,098	20	10,801	21	8,967	22	11,138	208	79,384	9
9	198	9	219	4	170	14	359	19	585	25	753	22	703	20	574	188	5,460	10
11	1,114	7	322	12	357	20	687	27	2,239	22	1,100	24	2,133	25	2,462	233	18,473	11
3	2,739	15	21,420	17	29,577	18	31,734	53	85,470	12								

Number.	Name of Operator.	Name, number or letter of shaft.	Post office address of mine.	Number of days in operation and tons of coal mined.							
				January.		February.		March.		April.	
				Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.
FULTON COUNTY—THIRD DISTRICT. Concluded.											
14	Truax-Traer Coal Co.		St. David	23	43,683	20	42,116	21	44,280	16	32,700
15	United Electric Coal Co.	9	Cuba	22	49,795	18	45,721	20	50,403	9	23,403
	Total and average.			24	209,515	20	188,769	21	206,165	8	93,064
KNOX COUNTY—THIRD DISTRICT.											
1	Galesburg Mining Co.	1	Galesburg	24	32,746	22	30,209	24	31,522	14	19,132
CHRISTIAN COUNTY—FOURTH DISTRICT.											
1	Pana Coal Co.	1	Pana	17	11,439	21	13,077	21	14,034	11	6,690
2	Peabody Coal Co.	7	Kincaid	21	98,537	21	106,970	21	107,626	19	95,679
3	Peabody Coal Co.	8	Tovey	22	96,818	20	92,266	21	106,270		
4	Peabody Coal Co.	9	Taylorville	23	109,487	20	97,065	21	110,674	20	107,447
5	Peabody Coal Co.	58	Taylorville	23	74,538	20	65,126	21	68,643	15	51,583
6	Penwell Coal Mining Co.		Pana	8	14,327	6	11,746	9	12,961		
	Total and average.			19	405,146	18	386,250	19	420,208	16	261,399
SANGAMON COUNTY—FOURTH DISTRICT.											
1	Central Illinois Coal Mining Co.	A	Springfield	23	36,372	19	30,215	21	34,441	5	7,691
2	Jefferson Coal Mining Co.	81	Springfield	21	7,333	20	7,905	23	18,118		
3	Mid State Coal Co.	81	Springfield								
4	Mine B Coal Co.		Springfield	18	36,597	17	33,849	21	43,192		
5	Panther Creek Mines, Inc.	4	Springfield	20	35,421	20	34,827	21	37,091		
6	Panther Creek Mines, Inc.	5	Springfield	22	31,997	20	28,919	21	32,100	12	16,416
7	Peabody Coal Co.	53	Springfield	20	39,258	20	37,553	21	43,877	19	37,253
8	Peabody Coal Co.	57	Springfield	16	33,533	20	40,673	21	44,061		
9	Peabody Coal Co.	59	Springfield	20	42,664	20	41,601	21	45,154	2	4,081
10	Sangamon Coal Co.	2	Springfield	23	29,325	20	26,521	21	28,114	1	1,330
	Total and average.			20	292,500	20	282,063	21	326,148	8	66,771
	*Not reported.										
MACON COUNTY—FIFTH DISTRICT.											
1	Macon County Coal Co.		Decatur	26	24,724	24	22,742	26	23,143	10	5,925
VERMILION COUNTY—FIFTH DISTRICT.											
1	F. C. Morgan Coal Co.		Danville								
2	Oakwood Coal Co.		Oakwood	26	5,150	17	3,574	11	2,074	12	1,913
3	Peabody Coal Co.	24	Danville	23	68,169	20	60,535	21	64,561	12	36,025
4	Pyramid Coal Corp.	2	Danville	25	7,547	18	5,483	18	8,092	2	617
5	Skelton, J. G., Coal Co.		Danville								
6	Tilton Mining Co.		Danville	20	6,985	19	6,542	20	6,676	6	2,043
7	United States Fuel Co.	Bun	Georgetown	21	113,777	22	121,141	26	140,638	14	72,540
	Total and average.			23	201,628	24	197,275	19	222,041	9	113,138
MACOUPIN COUNTY—SIXTH DISTRICT.											
1	Consolidated Coal Co. of St. Louis	7	Staunton					5	1,000	13	3,628
2	Consolidated Coal Co. of St. Louis	15	Mt. Olive	26	89,891	24	84,598	26	95,334	10	35,946
3	Gillespie Coal Co.		Gillespie	23	27,279	24	27,800	26	30,542	17	19,887
4	Mt. Olive Coal Co.		Mt. Olive	13	11,710	9	7,066	18	15,710	16	4,331
5	South Mine Coal Co.		Carlinville	16	1,572	9	956	7	592	5	447
6	Superior Coal Co.	1	Gillespie	21	59,322	21	57,917	24	65,862	11	28,877
7	Superior Coal Co.	2	Gillespie	22	68,412	23	71,330	26	80,399	7	21,249
8	Superior Coal Co.	3	Gillespie	22	69,868	24	75,097	24	80,289	11	34,410
9	Superior Coal Co.	4	Gillespie	23	34,835	23	34,664	26	43,254	12	18,880
10	Viriden Coal Co.		Viriden	20	7,588	15	5,198	18	8,246	4	1,614
	Total and average.			21	370,477	19	364,626	20	421,228	11	169,269

Continued.

Number of days in operation and tons of coal mined.

May.		June.		July.		August.		September.		October.		November.		December.		Total.		Number.
Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	
19	40,491	16	34,001	17	35,124	15	33,496	8	17,293	18	40,177	18	39,162	22	48,672	213	451,195	14
8	20,469	13	28,479	8	19,321	11	22,552	12	26,324	24	50,064	21	38,393	22	44,869	188	419,793	15
12	117,673	13	133,784	14	108,892	16	120,538	16	112,743	21	220,341	20	196,677	20	218,152	165	1,926,313	
10	16,490	11	16,763	8	14,346	10	15,884	20	26,849	23	30,485	21	26,281	23	28,873	210	239,580	1
10	6,228	3	2,733	6	4,325	7	4,274	12	8,700	16	11,004	17	11,904	19	12,667	160	107,075	1
22	112,623	16	84,341			22	115,457	11	59,423	16	85,165	17	93,139	15	81,475	201	1,040,435	2
21	106,849	17	86,556	20	95,030	21	110,490	5	25,546	19	96,061	17	92,775	16	87,738	199	996,399	3
		20	104,051	20	104,996			12	62,876	14	69,387			21	110,659	171	876,642	4
21	71,991	19	66,297	19	63,702	20	65,908	15	49,857	23	82,631	20	69,480	22	74,211	238	803,967	5
								8	7,000	10	10,873	7	10,762	10	18,177	58	85,846	6
18	297,691	15	343,978	16	268,053	18	296,129	10	213,402	16	355,121	16	278,060	17	384,927	171	3,910,364	
19	30,917	15	24,017	15	23,399	15	22,469	19	28,531	21	29,244	20	25,833	22	29,845	214	322,974	1
									250	19	9,898	18	11,405	17		64	33,356	2
6	11,310	9	17,904					13	23,479	10	19,761	14	27,410	18	35,993	126	249,495	3
8	13,097	7	11,923			17	28,845	17	30,256	13	22,735	14	25,063	18	34,058	155	273,316	5
21	30,084	12	17,846	14	21,254			8	8,780	19	25,730	17	25,906	18	28,303	184	267,335	6
12	28,097		104					12	22,779	19	36,089	21	45,798	19	44,058	163	334,866	7
8	17,653	13	29,982						483	17	34,692	21	48,141	20	45,121	136	294,339	8
		9	16,301	9	19,653	14	30,245	15	33,214	18	39,592	20	44,308	20	46,224	168	363,037	9
								11	13,253	11	14,058	17	22,079	20	27,379	124	162,059	10
12	131,158	11	118,077	13	64,306	15	81,809	14	170,673	16	233,306	18	275,636	18	292,934	139	2,335,381	
10	6,333	7	3,828	5	3,415	13	7,018	18	11,990	22	18,886	22	20,741	24	26,114	207	174,859	1
7	734					20	1,386	22	1,991	22	4,358	22	6,743	21	8,293	107	22,771	1
13	39,887	11	34,323	2	6,320	6	241	14	1,289	19	2,309	11	1,777	25	4,396	148	23,457	2
9	3,506	10	3,928	8	2,302	16	5,559	12	12,183	18	46,835	13	40,008	16	48,834	159	457,685	3
13	4,413	10	3,509	5	1,575	5	1,595	7	5,372	22	8,753	22	11,509	20	12,040	183	74,708	4
16	86,969	17	95,556	13	71,638	10	54,578	12		20	303	17	264	11	596	48	1,163	5
									3,073	9	3,567	13	5,268	16	5,780	143	51,026	6
									66,586	13	69,524	10	56,119	17	95,374	191	1,044,440	7
12	135,509	12	137,321	7	81,835	11	63,359	13	90,494	18	135,649	16	121,688	18	175,313	140	1,675,250	
24	8,345	19	10,877	24	15,261	22	14,345	16	11,201	9	7,963	16	14,885	20	18,812	168	106,317	1
16	57,029	15	54,496	11	40,007	7	26,238	14	51,753	16	58,651	15	55,449	20	73,440	200	722,832	2
		16	18,678	16	18,964	16	19,040	24	28,404	23	27,090	23	23,682	23	26,983	231	268,349	3
17	4,828	17	4,817	16	4,516	24	6,729	18	8,970	17	9,105	17	9,690	21	12,537	203	100,009	4
3	203	3	274	3	235	4	332	9	872	9	897	11	1,109	16	1,649	95	9,138	5
18	48,818	20	55,716	12	32,512	14	38,467	19	50,576	13	35,527	22	61,006	22	60,852	217	595,452	6
22	68,057	17	53,060	15	46,543	16	49,925	12	37,038	19	59,901	16	50,476	24	75,920	219	682,310	7
22	72,496	21	70,365	10	33,329	12	40,714	18	60,137	20	67,361	23	77,621	24	80,841	231	782,528	8
17	28,706	21	35,151	12	20,060	15	25,255	14	23,712	14	23,827	24	41,021	24	40,588	225	369,943	9
4	1,177	3	1,386	4	1,456	7	3,056	18	7,270	14	6,653	17	7,792	20	9,615	144	61,051	10
16	289,659	15	304,820	12	212,883	14	224,101	16	279,933	15	296,975	18	342,721	21	401,237	193	3,677,929	

TABLE 12—

Number.	Name of Operator.	Name, number or letter of shaft.	Post office address of mine.	Number of days in operation and tons of coal mined.							
				January.		February.		March.		April.	
				Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.
MONTGOMERY COUNTY—SIXTH DISTRICT.											
1	Hillsboro Coal Co.		Hillsboro	25	20,859	21	16,623	23	19,022		
2	Indiana & Illinois Coal Corp.	10	Nokomis	16	41,972	14	38,473	18	50,060	6	16,052
	Total and average.			21	62,831	18	55,096	21	69,082	6	16,052
SHELBY COUNTY—SIXTH DISTRICT.											
1	Erie Sootless Coal Co.		Moweaqua	23	2,837	22	2,366	14	1,976		
BOND COUNTY—SEVENTH DISTRICT.											
1	Illinois-Pocahontas Coal Co.		Pocahontas	18	12,001	11	10,223	15	12,735		
MADISON COUNTY—SEVENTH DISTRICT.											
1	Bullock Mining Co.		Collinsville	26	6,484	21	5,598	22	5,276		
2	Chicopee Coal Co.	1	Troy	24	11,321	21	9,842	10	4,680	3	2,372
3	Livingston-Mt. Olive Coal Co.	1	Livingston	22	27,288	14	19,740	15	21,765	12	16,544
4	Lumaghi Coal Co.	2	Collinsville	24	51,009	19	41,204	12	26,269	8	17,423
5	Madison County Coal & Mining Co.		Edwardsville	19	23,000	16	20,000	13	15,000		
6	Mt. Olive & Staunton Coal Co.	2	Staunton	26	74,544	24	69,992	26	76,192	13	37,156
7	Stiers Bros. Construction Co.		Moro	19	3,098	13	1,975	11	1,772		
	Total and average.			23	196,744	18	168,351	16	150,954	9	73,495
MARION COUNTY—SEVENTH DISTRICT.											
1	Marion County Coal Co.		Centralia	21	32,981	18	28,306	22	36,242	10	16,363
2	Odin Coal Co.		Odin	12	6,863	10	5,269	15	9,346		
	Total and average.			17	39,844	14	33,575	19	45,588	10	16,363
CLINTON COUNTY—EIGHTH DISTRICT.											
1	Beckemeyer Coal Co.		Beckemeyer	22	10,812	14	6,621	12	5,744	4	1,874
2	Citizens Coal Co.	E	Breese	22	10,339	18	8,517	20	9,310	7	2,698
3	Southern Coal, Coke & Mining Co.	9	New Baden	16	21,644	8	13,181	9	13,532		
	Total and average.			20	42,795	13	28,319	14	28,586	6	4,572
ST. CLAIR COUNTY—EIGHTH DISTRICT.											
1	Eldnar Coal Co.		Belleville	15	3,527	17	3,548	15	3,115		
2	Freeburg Coal Co.		Freeburg	12	5,562	12	3,927	8	2,355	4	1,031
3	Gill Coal Corp.		Marissa	21	10,923	15	8,257	21	11,475		
4	Golden Rule Coal Co.		Lenzburg	19	9,604	14	6,902	19	9,437	10	4,819
5	Groom Coal Co.		Belleville	26	12,925	23	11,469	18	9,884	11	5,789
6	Guest Coal Co.		Belleville	23	7,808	22	6,318	10	2,859	12	3,072
7	Gundlach Coal Co.		East St. Louis	21	16,205	20	16,326	21	18,226	8	6,462
8	Lenzburg Coal Co.		Lenzburg	9	2,367	6	1,933	10	3,286	3	976
9	Mulberry Hill Coal Co.		Freeburg	21	12,414	19	8,822	7	3,595	12	5,215
10	New National Coal Co.		Belleville	24	7,909	22	6,050	17	3,467	8	1,479
11	O. K. Coal Co.		Marissa	16	10,367	11	7,310	13	8,927	9	5,802
12	Perry Coal Co.		O'Fallon	24	12,885	23	11,774	26	13,920	19	11,396
13	Perry Coal Co.		O'Fallon	23	32,785	23	32,126	26	37,084		
14	Prairie Coal Co.		Belleville	23	19,638	16	14,230	9	6,923	9	7,162
15	Quality Coal & Mining Co.		Belleville	24	7,521	22	6,254	14	2,790	3	693
16	Rentehler Coal & Mining Co.		Belleville								
17	St. Louis & O'Fallon Coal Co.		East St. Louis	17	43,183	14	36,454	16	41,719	3	7,162
18	Service Coal Co.		Belleville	25	8,755	22	7,105	12	3,270	1	240
19	Southern Coal, Coke & Mining Co.	6	Belleville	21	7,120	19	6,347	12	4,977	12	5,116
20	Southern Coal, Coke & Mining Co.	7	Belleville	23	21,722	20	19,566	21	20,421	7	6,820
21	Vinegar Hill Coal Co.		Lenzburg	19	10,281	13	6,650	20	9,632	9	4,750
22	White Coal Co.		Belleville	26	12,057	23	10,226	12	5,161		
	Total and average.			22	275,558	18	231,594	16	222,523	8	77,984

Continued.

Number of days in operation and tons of coal mined.

May.		June.		July.		August.		September.		October.		November.		December.		Total.		Number.	
Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.		
8	3,966	19	11,163	18	12,121	23	15,110	22	16,140	20	16,782	23	18,291	25	20,494	227	170,571	1	
11	30,384	9	24,653	6	15,856	7	18,747	10	27,221	11	28,817	13	35,093	16	43,030	137	370,358	2	
10	34,350	14	35,816	12	27,977	15	33,857	16	43,361	16	45,599	18	53,384	21	63,524	182	540,929		
																	59	7,179	1
		5	4,325	2	1,581	3	2,753	10	8,739	10	8,343	10	8,675	16	14,980	100	84,355	1	
2	645	5	866	4	1,532	9	4,726	9	2,168	19	4,004	14	4,288	22	5,926	133	33,744	1	
11	15,557	8	11,132	4	5,381	4	5,260	11	8,901	18	10,475	10	5,892	16	9,568	139	70,820	2	
6	13,233	12	25,276	8	17,503	9	19,861	12	27,419	19	48,876	17	42,284	22	53,705	169	384,062	3	
		10	27,669	6	17,099	9	26,217	14	39,162	23	64,916	19	53,677	25	68,167	195	554,791	4	
																43	6,845	5	
																		6	
6	29,435	9	64,943	5	41,515	8	56,064	13	105,594	19	169,781	14	137,411	20	180,503	177	1,374,790		
9	15,352	13	19,341	7	11,166	7	11,574	8	13,871	16	28,281	15	26,558	19	32,539	165	272,574	1	
						10	4,623	13	7,068	20	11,257	21	13,856	18	11,300	119	69,582	2	
9	15,352	13	19,341	7	11,166	9	16,197	11	20,939	18	39,538	18	40,414	19	43,839	142	342,156		
1	371	7	2,063			12	5,283	19	7,192	21	10,079	18	7,511	22	11,287	152	63,837	1	
10	4,753	13	5,960	6	2,692	12	5,557	18	8,265	20	9,709	14	6,956	20	10,386	180	85,142	2	
								4	4,199	9	12,964	6	4,760	18	19,159	70	89,439	3	
6	5,124	10	8,023	6	2,692	12	10,840	14	19,656	17	32,752	13	19,227	20	40,832	134	243,418		
2	468			2	320	7	1,440	19	4,450	15	3,850	13	2,734	17	4,046	120	27,030	1	
12	6,127	11	6,002			3	618	14	3,967	15	5,478	9	2,507	20	5,268	99	31,181	2	
8	3,851	11	5,192	3	1,497	4	1,952	16	7,617	14	6,827	6	2,896	16	7,636	140	68,230	4	
5	3,401	3	2,400	3	1,247	4	2,767	11	7,339	17	8,639	13	6,632	22	10,642	156	83,134	5	
								5	1,162	19	4,986	15	3,140	22	6,351	128	35,696	6	
17	14,988	17	15,395	10	9,517	10	9,377	10	9,764	18	17,025	15	13,824	18	16,177	185	163,286	7	
5	1,602	9	2,931					11	3,550	22	7,294	22	8,517	21	8,691	118	41,147	8	
5	1,225		235	2	301	5	1,064	11	2,895	11	5,439	8	2,168	12	4,552	113	47,925	9	
								9	2,716	20	5,871	20	5,099	24	7,010	144	39,601	10	
3	2,068	4	2,500	3	1,548	4	2,247	9	5,591	14	8,840	11	7,239	14	8,887	111	71,326	11	
								24	12,988	13	7,654	22	14,426	22	14,426	151	85,043	12	
		17	17,356	26	27,169	26	26,771	24	26,386	26	32,513	23	35,174	25	38,758	239	306,122	13	
4	3,215	2	1,673	1	686	6	3,930	16	13,319	19	19,352	19	14,996	22	20,837	145	125,961	14	
								14	1,892	24	5,953	21	5,163	24	7,823	146	38,089	15	
10	25,431	9	23,537	6	14,970	9	21,970	12	1,820	21	4,276	19	4,109	25	5,548	76	15,829	16	
								10	28,696	16	39,800	13	32,274	15	37,276	140	352,472	17	
								9	1,572	22	3,789	26	7,245	23	5,700	24	8,807	164	
								2	591	16	6,188	16	6,677	9	4,138	136	7,740	123	
16	15,004	15	12,306	23	11,777	22	13,932	18	16,826	23	22,592	21	21,562	22	22,023	231	204,551	20	
8	4,379	13	6,219	1	689	12	6,148	7	3,604	14	7,550	9	4,561	18	9,777	143	74,240	21	
						6	2,148	19	9,006	17	8,500	16	8,178	23	12,068	142	67,344	22	
8	81,759	10	95,746	7	69,721	8	96,603	14	160,577	18	244,577	15	198,265	20	264,343	141	2,019,250		

TABLE 12—

Number.	Name of operator.	Name, number or letter of shaft.	Post office address of mine.	Number of days in operation and tons of coal mined.								
				January.		February.		March.		April.		
				Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	
JACKSON COUNTY—NINTH DISTRICT.												
1	Peacock Coal Co., Inc.		Hurst.	12	235	13	188	2	40	3	89	
2	Truax-Traer Coal Co.	1	Elkville.	16	44,301	15	42,106	16	45,362	11	30,920	
3	Truax-Traer Coal Co.	2	De Soto.	11	32,279	12	34,503	9	26,511	8	23,500	
4	Union Colliery Co.		Dowell.	12	55,486	12	55,473	9	41,626	5	22,372	
Total and average.				13	132,301	13	132,270	9	113,539	7	76,881	
FERRY COUNTY—NINTH DISTRICT.												
1	Bailey Bros.		DuQuoin.	20	696	16	617	14	517	10	171	
2	Beaucoup Coal Co.		Pineknayville.	21	2,177	14	1,438	12	1,628	10	1,219	
3	Biby Coal Co.		Pineknayville.	15	385	21	477	15	382	10	234	
4	Briar Hill Coal Co.	45	Pineknayville.	20	7,338	11	4,269	17	7,184			
5	Coal Stripping Co.	1	Pineknayville.	16	32,794	15	33,118	21	42,756	4	6,684	
6	Conant Coal Co.		Conant.	23	438	18	538	17	563	14	404	
7	Coulterville Coal Co.		Coulterville.	22	15,139	14	9,680	23	14,904			
8	Crerar-Clinch Coal Co.	14	DuQuoin.	15	48,062	19	63,138	21	71,488	6	21,154	
9	Crerar-Clinch Coal Co.	15	DuQuoin.	14	14,500	11	17,600	14	23,250	6	8,200	
10	Cutler Coal Co., Inc.		Cutler.	15	9,451	11	7,494	17	11,295	8	4,954	
11	Home Coal Co.		Willisville.	13	1,209	9	850	3	242			
12	Home Coal Mining Co.		Tamaroa.									
13	Huster Coal Co.		Willisville.									
14	Imperial Valley Coal Co.		Tamaroa.	20	600	15	525	12	420	11	363	
15	New Galem Coal Co.		Cutler.									
16	Perfection Coal Co.		DuQuoin.	13	12,488	12	11,030	10	10,027	6	5,823	
17	Pyramid Coal Corp.		Pineknayville.	23	94,015	20	91,787	21	91,601	15	69,153	
18	Ring Coal Co.		Cutler.	20	1,600	17	2,000	21	3,000	14	1,400	
19	Tamaroa Coal Co.		Tamaroa.	20	345	22	455					
20	Tamaroa Fuel Co.		Tamaroa.									
21	United Electric Coal Co.	11	DuQuoin.	25	98,625	20	108,006	19	108,022	10	57,851	
22	Whip-Poor-Will Coal & Mining Co.		Cutler.	15	7,415	11	6,090	14	9,085	6	3,255	
23	Winkle Coal Co.		Swanwick.	8	2,326	16	5,709	19	9,377	15	5,782	
Total and average.				18	349,603	15	364,821	16	405,736	10	186,647	
RANDOLPH COUNTY—NINTH DISTRICT.												
1	Illmo Coal Co.		Sparta.	17	1,927	19	1,927	19	2,046			
2	Gulf Fuel & Mining Co.		Sparta.									
3	Jones Bros. Coal & Mining Co.	2	Marissa.	12	7,109	9	4,497	9	5,358	7	3,945	
4	Moffat Coal Co.		Sparta.	6	15,660	7	18,178	19	48,301	2	4,259	
5	St. Louis Coal Co.		Coulterville.	22	23,865	18	20,351	24	26,503	4	4,143	
Total and average.				14	48,561	14	44,953	18	82,208	4	12,347	
WASHINGTON COUNTY—NINTH DISTRICT.												
1	Bois Coal Co.		Dubois.					11	1,241	4	586	
2	Centralia Coal Co.	5	Centralia.	21	34,391	20	32,797	21	35,950	7	11,753	
3	Clarkson Coal & Mining Co.		Nashville.	23	9,435	19	7,862	19	8,035	9	3,508	
Total and average.				22	43,826	20	40,659	17	45,226	7	15,847	
FRANKLIN COUNTY—TENTH DISTRICT.												
1	Bell & Zoller Coal Co.		Zeigler.	22	115,252	20	111,097	21	119,180	13	73,659	
2	Bell & Zoller Coal Co.	2	Zeigler.	21	114,044	15	79,021	13	70,314			
3	Chicago, Wilmington & Franklin Coal Co.	1	Orient.	17	76,509	14	63,473	19	89,600	14	65,638	
4	Chicago, Wilmington & Franklin Coal Co.	2	West Frankfort.	17	152,994	12	109,170	19	181,246			
5	Franklin County Coal Co., Inc.	5	Herrin.	20	60,964	16	48,059	16	48,718			
6	Franklin County Coal Co., Inc.	7	Royalton.	21	63,059	16	48,451	17	58,101	9	32,203	
7	Inter State Coal Co.		West Frankfort.	22	26,968	8	8,853	1	968			
8	Old Ben Coal Corp.	8	West Frankfort.	20	78,393	14	55,872	17	64,445	10	39,868	
9	Old Ben Coal Corp.	14	Buckner.	20	61,381	14	46,315	16	55,047	4	13,469	

Continued.

Number of days in operation and tons of coal mined.

May.		June.		July.		August.		September.		October.		November.		December.		Total.		Number.
Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	
1	27	8	332	9	568	11	761	9	583	7	331	8	383	7	154	90	3,691	1
6	15,777	8	23,630													72	202,096	2
8	24,616	8	24,633	11	32,527	12	35,838	13	37,462	19	61,609	19	62,717	20	66,068	150	462,254	3
5	23,035	5	22,777	8	36,595	15	68,608	11	51,566	24	109,667	8	36,299	17	79,583	131	603,087	4
5	63,455	8	71,372	9	69,690	13	105,207	11	89,611	17	171,598	12	99,399	15	145,805	111	1,271,128	
5	50	6	80	10	176	16	295	16	363	20	618	18	531	20	641	171	4,755	1
11	1,312	10	1,188	13	1,290	21	2,091	17	1,745	12	1,175	15	1,539	19	1,872	175	18,674	2
2	60	1	26	1	25	1	20	12	314	10	264	11	277	13	327	112	2,791	3
5	2,328	12	4,057	5	1,938		3	445	14	4,160	18	5,556	20	6,360	125	43,635	4	
2	2,777	12	19,284	12	23,017	11	22,528	5	11,165	17	31,466	12	30,729	13	35,729	140	292,047	5
14	450	11	420			10	400	10	635	21	1,466	24	1,335	21	1,722	183	8,371	6
									2,512	7	3,832					70	46,067	7
6	20,963	9	31,595	6	19,724	7	24,818	6	22,726	19	63,622	10	34,895	17	57,350	141	479,535	8
5	8,500	2	4,000	2	3,200	3	4,500	6	11,100	12	20,900	4	6,700	9	14,400	88	136,850	9
12	7,686	12	8,608	7	4,898	11	8,009	10	6,833	15	10,537	14	9,987	18	12,001	150	101,753	10
																25	2,301	11
												10	516	19	516	29	1,032	12
												23	806	18	1,055	41	1,861	13
				7	136											65	2,044	14
																33	7,976	15
4	4,337	4	3,646	3	2,846	4	3,981	7	6,575	8	8,147	7	3,620	12	3,156	89	86,373	16
17	77,379	18	82,540	13	56,727	10	41,919	10	41,505	24	100,223	21	89,170	22	96,163	214	932,182	17
10	2,000	12	1,200	6	1,200	8	1,600	7	1,400							115	15,400	18
																42	800	19
												11	225	24	531	35	806	20
12	67,857	16	84,447	9	50,911	12	67,003	12	52,401	21	121,183	17	94,250	19	105,495	192	1,016,051	21
5	2,666	6	3,313	7	3,287	9	4,374	10	5,368	16	8,697	10	5,893	18	10,419	127	69,862	22
17	7,951	12	5,500													87	36,640	23
8	206,316	10	249,904	7	169,375	9	181,538	9	162,575	15	376,170	14	296,752	17	358,369	106	3,307,806	
		8	751			1	82	10	859	25	2,111	19	1,980	19	2,057	137	13,740	1
												12	3,800			12	3,800	2
3	1,169	5	2,148	1	520	5	2,379	11	5,465	22	10,396	22	10,391	23	11,830	129	65,207	3
10	25,633	12	31,118	4	9,554	4	9,846	10	26,020	2	4,459	9	22,513	9	23,625	94	239,166	4
13	12,219	13	11,810	6	6,561	5	5,469	15	16,571	21	23,170	22	24,664	22	25,646	185	200,972	5
9	39,021	10	45,827	4	16,635	4	17,776	12	48,915	18	40,136	21	63,348	18	63,158	111	522,885	
2	184					2	230	6	522	15	1,874	8	1,088	16	2,418	64	8,143	1
9	15,036	14	24,014	6	9,919	5	8,692	7	12,338	22	39,979	17	31,483	17	29,929	166	236,281	2
12	4,911	15	4,990	16	5,812	18	6,342	8	2,772	20	7,394	17	6,911	21	8,976	197	76,948	3
8	20,131	15	29,004	11	15,731	8	15,264	7	15,632	19	49,247	14	39,482	18	41,323	142	371,372	
15	84,245	20	117,086	12	69,807	16	96,299	14	83,338	21	129,442	14	92,800	18	117,724	206	1,209,929	1
						5	12,186	14	67,554	25	120,839	19	89,436	19	82,538	131	635,932	2
		18	85,421	16	76,585			4	18,060	17	76,060	15	72,200	12	56,298	146	679,844	3
12	109,442	10	92,305			14	121,726	12	110,944	23	214,396	13	124,464	18	171,125	150	1,337,812	4
4	6,312	17	34,492	15	34,552	22	53,597	15	39,223	22	59,865	15	42,952	21	59,069	183	487,803	5
10	35,782	13	44,310			1	2,356	15	42,707	21	67,713	16	52,295	18	58,933	157	505,910	6
															90	31	36,879	7
9	35,992	10	38,836	5	17,588	10	37,700	10	40,219	23	90,104	18	70,117	22	83,769	168	652,902	8
5	17,721	14	47,452	7	24,660	9	31,767	9	33,087	23	84,543	12	44,631	20	74,256	153	534,329	9

TABLE 12—

Number.	Name of operator.	Name, number or letter of shaft.	Post office address of mine.	Number of days in operation and tons of coal mined.								
				January.		February.		March.		April.		
				Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	
FRANKLIN COUNTY—TENTH DISTRICT. Concluded.												
10	Old Ben Coal Corp.		15 Ezra	21	79,874	15	59,339	18	74,934	8	31,802	
11	Peabody Coal Co.		19 West Frankfort.	21	53,366	20	51,990	21	54,267	4	10,275	
12	Valier Coal Co.		1 Valier.	14	95,309	12	83,730	19	135,688			
Total and average.				20	978,113	15	765,370	16	952,508	9	266,914	
SALINE COUNTY—ELEVENTH DISTRICT.												
1	Blue Bird Coal Co.		Carrier Mills	18	27,178	15	24,174	18	28,787	10	14,967	
2	Peabody Coal Co.	47	Harco	20	83,703	19	84,800	18	75,646	3	12,373	
3	Rex Coal Co.	2	Eldorado	22	41,681	19	36,021	20	39,312	12	22,596	
4	Sahara Coal Co.	1	Harrisburg	21	58,979	19	52,746	16	44,450			
5	Sahara Coal Co.	3	Harrisburg	22	51,959	20	48,523	16	38,978			
6	Sahara Coal Co.	10	Eldorado	21	40,326	19	36,856	20	39,322			
7	Sahara Coal Co.	12	Harrisburg	19	39,056	17	35,270	16	34,112	13	26,724	
8	Wasson Coal Co.	1	Harrisburg	22	58,869	20	54,778	18	49,701	9	23,648	
9	Wasson Coal Co.	A	Harrisburg									
Total and average.				21	401,751	18	373,168	18	350,308	9	100,308	
WHITE COUNTY—ELEVENTH DISTRICT.												
1	Norris City Coal Co.		Norris City	18	5,061	19	5,567	20	5,886	18	4,764	
WILLIAMSON COUNTY—TWELFTH DISTRICT.												
1	Blue Hill Coal Co.		Marion.	19	10,503	10	5,746	20	13,569	5	2,758	
2	Carbon Fuel Co.		Herrin	14	2,300	15	3,100	6	1,000			
3	Carolyn, W. P. & Co., Inc.		Marion									
4	Cartersville Mining & Engineering Co.		Cambria	15		13		9		8		
5	City Lake Coal Co.		Herrin	15	1,611	18	1,564	26	2,187	11	551	
6	Consolidated Coal Co. of St. Louis.		7 Herrin	16	51,069	13	43,920	20	69,635	8	27,449	
7	Consumers Coal & Materials Co.		Marion	27	1,762	25	1,714	27	901	26	559	
8	Delta Coal Mining Co.		Marion	21	26,200	17	31,261	19	39,060	6	12,566	
9	Diamond Coal Co.		Herrin									
10	Forsyth Cartersville Coal Co.		Cartersville	12	6,270	17	7,594	13	6,032	10	3,900	
11	Franco Mining Corp.		1 Johnston City	24	35,245	18	30,258	20	39,297	7	12,648	
12	Freeman Coal Mining Co.		Herrin	22	28,724	20	29,162	21	34,315			
13	Jeffries Coal Co.		Herrin									
14	McLaren Coal Co.		Cartersville									
15	New Watson Coal Co.		1 Herrin	16	1,220	16	751	20	870	20	137	
16	Old Ben Coal Corp.	18	Johnston City.	17	68,635	14	52,491	20	81,321	4	15,781	
17	Puritan Coal Co.		Johnston City	10	351	10	350	12	365	9	262	
18	Seymour Coal Co.		Herrin	22	32,949	20	34,190	20	31,906	16	26,961	
19	Spillertown Mine		Johnston City.	23	1,723	20	1,558	18	1,415	14	1,063	
20	Wallace Coal Co.		Marion.	20	8,928	15	7,092	22	11,575	21	9,478	
Total and average.				18	277,490	16	250,751	18	333,448	12	114,113	

Concluded.

Number of days in operation and tons of coal mined.

May.		June.		July.		August.		September.		October.		November.		December.		Total.		Number.	
Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.		
8	31,805	9	35,114	5	18,721	12	47,390	10	40,366	22	85,281	14	56,639	19	76,121	161	637,386	10	
9	21,246	11	27,472	6	14,455	11	26,964	10	25,472	23	58,565	17	42,212	21	52,646	174	438,930	11	
13	89,799	13	90,072	...	...	...	...	...	...	3	21,208	19	142,461	16	119,232	109	777,499	12	
9	432,344	14	612,560	9	256,368	11	429,985	11	500,970	20	1,008,016	16	830,207	19	951,800	147	7,985,155		
8	11,975	12	18,650	11	14,136	13	20,973	14	22,415	15	24,246	16	27,756	15	27,426	165	262,683	1	
6	25,245	6	25,462	4	15,683	7	28,478	8	33,583	21	89,195	11	47,690	21	92,629	144	614,487	2	
9	17,525	15	29,280	7	13,593	11	21,213	13	25,530	16	31,772	18	36,903	20	41,362	182	356,788	3	
...	724	...	811	...	958	...	167	18	45,356	18	49,509	19	52,287	20	55,825	131	359,152	4	
9	14,749	13	25,514	12	23,774	17	34,282	18	36,802	17	33,596	17	34,422	20	39,780	183	359,423	6	
20	40,183	17	34,233	17	34,416	21	42,612	18	36,024	16	32,815	11	22,360	17	34,351	202	412,156	7	
9	23,599	10	26,936	9	22,312	12	32,500	18	48,960	19	48,857	14	28,648	21	43,182	181	461,990	8	
...	...	...	...	...	...	...	...	...	...	...	...	16	9,179	20	17,503	36	26,682	9	
12	134,000	12	160,886	10	124,872	14	180,225	15	279,963	17	350,420	15	290,237	19	400,202	149	3,146,340		
13	3,843	12	3,443	5	1,408	13	3,337	11	3,009	22	6,206	15	4,325	21	5,640	187	52,489	1	
8	4,309	16	9,548	15	8,238	4	2,063	9	5,248	22	13,228	17	11,065	21	12,132	166	98,407	1	
...	...	...	...	...	...	3	85	30	2,405	31	4,733	26	2,486	...	136	90	6,400	2	
14	...	12	1,775	19	1,374	21	473	14	2,843	21	910	13	2,299	11	2,710	170	9,845	3	
26	1,492	...	...	...	...	...	...	...	...	...	...	...	...	...	...	96	12,384	4	
10	33,899	14	48,134	9	30,514	10	34,782	8	28,484	22	75,666	16	56,864	20	74,214	166	7,405	5	
26	155	26	400	27	245	27	732	26	1,897	27	2,863	26	1,790	27	2,699	317	574,630	6	
9	20,636	15	25,789	9	16,887	17	34,978	14	27,092	23	51,660	15	33,425	19	40,282	184	15,717	7	
...	...	...	...	24	700	27	1,050	15	450	20	600	22	900	23	800	131	359,836	8	
13	7,053	16	8,777	10	6,808	15	9,032	11	7,821	18	9,702	19	10,701	18	12,343	172	4,500	9	
12	20,885	15	28,933	8	15,305	12	23,691	11	21,105	22	43,574	16	32,096	21	41,297	186	96,033	10	
...	...	...	...	...	...	...	...	...	12	12,899	22	30,741	22	30,960	119	344,334	11		
...	...	...	...	...	...	...	...	...	...	...	...	...	...	19	1,284	19	166,801	12	
...	...	...	...	...	...	7	5,058	11	7,273	15	10,741	10	7,177	10	9,154	53	1,284	13	
19	1,463	18	1,442	8	161	...	...	...	...	...	...	...	...	...	117	39,403	14	6,044	15
6	24,298	12	48,344	8	31,380	6	22,520	7	27,060	22	90,114	12	48,519	...	169	128	510,632	16	
8	211	20	791	14	580	12	577	...	6	184	7	174	14	300	122	4,145	17	4,145	17
19	31,236	21	37,728	17	29,638	21	36,090	14	24,188	23	38,417	22	37,681	22	35,828	237	396,812	18	
10	613	10	567	8	394	18	1,364	18	1,316	24	1,758	21	1,673	16	1,265	200	14,709	19	
17	8,177	19	8,500	10	4,622	...	...	7	3,017	23	10,433	21	9,441	22	10,183	197	91,446	20	
14	154,427	16	220,728	13	146,846	14	172,495	14	160,199	21	367,482	18	287,032	19	275,756	145	2,760,767		

TABLE 13—OUTPUT OF SHIPPING MINES AND DAYS

District.	Number of days in operation and tons of coal mined.											
	January.		February.		March.		April.		May.		June.	
	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.
First.....	24	188,873	20	175,222	19	183,455	14	127,522	18	119,259	16	132,629
Second.....	23	184,882	20	162,367	21	164,060	13	81,535	12	97,562	10	100,843
Third.....	24	242,261	20	218,978	21	237,687	9	112,196	12	134,163	13	150,547
Fourth.....	20	697,646	19	668,313	20	746,356	12	328,170	15	428,849	13	462,055
Fifth.....	24	226,352	20	220,017	20	245,184	9	119,063	11	141,842	11	141,149
Sixth.....	21	436,145	19	422,088	20	492,286	10	185,321	15	324,009	15	340,636
Seventh.....	21	248,589	17	212,149	16	209,277	9	89,858	12	44,787	9	88,609
Eighth.....	20	318,353	17	259,913	15	251,109	8	82,556	8	86,883	10	103,769
Ninth.....	17	574,291	15	582,703	15	646,709	8	291,722	8	328,923	10	396,107
Tenth.....	20	978,113	15	765,370	16	952,508	9	266,914	9	432,344	14	612,560
Eleventh.....	20	406,812	19	378,735	18	356,194	11	105,072	11	137,843	12	164,329
Twelfth.....	18	277,490	16	250,751	18	333,448	12	114,113	14	154,427	16	220,728
Total and average....	21	4,779,807	18	4,316,606	18	4,818,273	10	1,904,042	12	2,430,891	12	2,913,961

TABLE 14—SUMMARY BY DISTRICTS—MINES

District.	Number of mines working and average days worked each month of the year.													
	January.		February.		March.		April.		May.		June.			
	Total number of mines.													
	Number of mines worked.	Average days worked.	Number of mines worked.	Average days worked.	Number of mines worked.	Average days worked.	Number of mines worked.	Average days worked.	Number of mines worked.	Average days worked.	Number of mines worked.	Average days worked.	Number of mines worked.	Average days worked.
First.....	9	8	24	8	20	8	19	7	14	6	18	6	16	16
Second.....	8	8	24	8	20	8	21	6	13	5	12	5	10	10
Third.....	16	13	24	13	20	13	21	10	9	13	12	13	13	13
Fourth.....	16	15	20	15	19	15	20	9	12	10	15	11	13	13
Fifth.....	8	6	24	6	20	6	20	6	9	6	11	5	11	11
Sixth.....	13	12	21	12	19	13	20	11	10	11	15	12	15	15
Seventh.....	10	10	21	10	17	10	16	5	9	4	7	6	9	9
Eighth.....	25	24	20	24	17	24	15	19	8	14	8	13	10	10
Ninth.....	35	29	17	29	15	29	15	25	8	25	8	25	10	10
Tenth.....	12	12	20	12	15	12	16	7	9	9	9	10	14	14
Eleventh.....	10	9	20	9	19	9	18	6	11	7	11	7	12	12
Twelfth.....	20	16	18	16	16	16	18	14	12	14	14	13	16	16
Total and average....	182	162	a 20	162	a 18	163	a 18	125	a 10	124	a 11	126	a 12	126

a Average.

## WORKED EACH MONTH IN 1935—BY DISTRICTS.

Number of days in operation and tons of coal mined.

July.		August.		September.		October.		November.		December.		Total.	
Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.
13	91,627	15	118,795	19	138,251	21	201,109	20	205,720	23	248,211	192	1,930,673
13	59,659	9	42,857	16	94,552	21	164,337	17	133,263	21	174,129	173	1,460,046
14	123,238	16	136,422	17	139,592	21	250,826	20	222,958	21	247,025	168	2,215,893
15	332,359	17	377,938	13	384,075	16	588,427	17	553,696	17	677,861	151	6,245,745
7	85,250	12	70,377	14	102,484	18	154,535	16	142,429	19	201,427	148	1,850,109
12	240,860	14	257,958	16	323,294	15	342,574	18	396,105	21	464,761	181	4,226,037
5	54,262	7	75,014	12	135,272	18	217,662	14	186,500	19	239,322	132	1,801,301
7	72,413	9	107,443	14	180,233	18	277,329	15	217,492	20	305,175	140	2,262,668
7	271,431	9	319,785	10	316,733	16	637,151	14	498,981	17	608,655	125	5,473,191
9	256,368	11	429,985	11	500,970	20	1,008,016	16	830,207	19	951,800	147	7,985,155
9	126,280	13	183,562	15	282,972	18	356,626	15	294,562	19	405,842	153	3,198,829
13	146,846	14	172,495	14	160,199	21	367,482	18	287,032	19	275,756	145	2,760,767
10	1,860,593	12	2,292,631	14	2,758,627	19	4,566,074	17	3,968,945	20	4,799,964	147	41,410,414

## IN OPERATION AND AVERAGE DAYS WORKED.

Number of mines working and average days worked each month of the year.

July.		August.		September.		October.		November.		December.		The State.	
Number of mines worked.	Average days worked.	Number of mines worked.	Average days worked.	Number of mines worked.	Average days worked.	Number of mines worked.	Average days worked.	Number of mines worked.	Average days worked.	Number of mines worked.	Average days worked.	Number of mines worked.	Average days worked.
6	13	8	15	8	19	9	21	9	20	9	23	9	192
2	13	6	9	8	16	8	21	8	17	8	21	8	173
13	14	12	16	14	17	14	21	14	20	13	21	16	168
7	15	7	17	14	13	15	16	14	17	15	17	16	151
5	7	6	12	7	14	8	18	8	16	8	19	8	148
12	12	12	14	12	16	12	15	12	18	12	21	13	181
6	5	7	7	9	12	9	20	9	14	9	19	10	133
12	7	18	9	23	14	25	16	24	15	24	20	25	138
22	7	23	9	24	10	25	16	29	14	28	17	35	111
7	9	9	11	10	13	11	20	11	16	11	9	12	147
7	9	7	13	9	15	9	18	10	15	10	19	10	153
14	13	14	14	14	14	16	21	16	18	15	19	20	145
113	a 10	129	a 12	152	a 14	161	a 18	164	a 16	162	a 19	182	a 147



## OF MINE EMPLOYEES.

Underground.								On surface.															Total—all employees. Number.			
Shot firers' runners.	Spriggers.	Stablemen.	Timbermen.	Trackmen.	Trappers.	All others underground.	Total underground.	Blacksmith.	Blacksmith helpers.	Carpenters.	Engineers.		Firemen.	Top foremen.	Machinists and helpers.	Picking table workers.	Superintendents.	Stablemen—top.	Watchmen.	Weighmen.	Office employees at mine.	Others on surface.		Total on surface.		
											Hoisting.	Other.														
...	3	1	4	1	...	18	204	1	...	...	2	1	2	1	1	...	...	...	1	1	4	8	22	226	1	
...	...	1	3	3	...	3	129	5	1	...	2	12	...	4	2	15	2	1	...	1	1	6	76	122	122	1
...	...	1	3	3	...	3	129	6	...	...	2	12	...	5	2	17	3	...	1	1	8	78	135	264	2	
...	...	...	6	1	...	2	136	1	...	...	2	...	...	1	...	2	1	...	1	1	...	20	26	26	1	
...	3	1	2	2	...	18	263	2	...	1	3	5	...	1	...	10	...	...	1	1	2	4	16	152	2	
...	3	1	8	3	...	20	399	4	...	1	10	...	...	3	...	14	2	...	4	3	5	61	107	506	3	
...	1	1	6	2	...	28	374	1	...	2	3	...	1	1	2	...	...	...	1	1	2	6	20	394	1	
...	...	...	...	...	...	...	...	5	...	2	...	29	...	1	3	35	2	...	2	2	9	234	324	324	1	
...	2	...	12	16	...	18	337	1	...	1	...	...	...	1	2	1	1	2	2	1	...	7	19	356	1	
...	1	1	2	3	...	...	505	4	...	2	3	...	...	3	3	1	1	2	2	7	6	31	536	2		
...	...	...	1	3	...	...	174	2	...	2	1	...	...	1	...	2	1	...	1	3	4	17	191	3		
...	...	...	...	...	...	...	116	1	...	1	1	...	...	...	...	1	...	...	...	2	3	11	127	4	4	
...	3	1	26	40	...	31	1,132	8	...	4	4	...	...	5	5	2	5	4	4	5	12	20	78	1,210	4	
...	...	...	6	6	...	3	129	1	...	...	...	...	...	1	2	...	...	1	1	1	4	5	16	145	1	
...	...	...	1	1	...	2	52	1	...	...	1	...	...	...	...	...	1	...	1	1	1	6	58	2	2	
...	...	...	7	7	...	5	181	2	...	...	1	...	...	1	2	...	1	1	1	2	5	6	22	203	...	
...	...	...	2	2	...	1	91	1	...	...	2	1	1	...	...	...	1	...	1	2	3	12	103	1	1	
...	1	...	2	2	...	...	200	1	...	...	2	...	1	...	...	2	...	1	1	1	2	11	211	2	2	
...	...	1	2	4	...	1	291	2	...	...	4	1	2	...	...	2	1	...	1	2	3	5	23	314	...	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	1	...	10	10	10	1	
...	...	1	1	2	...	...	63	1	...	...	1	...	...	...	...	...	...	1	1	1	...	6	69	69	2	
...	...	1	4	...	...	2	128	1	...	...	3	...	...	1	...	...	...	...	1	1	3	10	138	3	3	
...	...	2	5	...	...	4	149	1	...	...	3	...	...	1	...	1	...	1	1	5	13	162	4	4		
...	...	...	...	...	...	...	10	1	...	...	1	...	...	...	...	...	...	1	...	...	...	2	12	5	5	
...	...	...	...	...	...	...	45	1	...	...	1	1	...	8	2	10	1	...	1	1	1	7	52	6	6	
...	...	...	...	...	...	...	1	1	...	...	17	...	...	...	...	...	1	...	1	1	5	104	150	150	7	

TABLE 15—

Number.	Name of operator.	Name or number of mine.	Post office of mine.	Underground.														
				Brattiemcn.	Cagers.	Drivers.	Boss drivers.	Electricians and helpers.	Mechanical loading machine operators.	Mine examiners.	Mine managers and assistants.	Machine miners.	Pick miners.	Motormen and assistants.	Machine helpers.	Machine runners.	Pumpmen and pipemen.	Shot firers and drillers.
FULTON COUNTY—THIRD DISTRICT— Concluded.																		
8	Peterson Coal Co.	Canton																
9	Pichsrrer & Sons	Canton		2	1	6		1	1	1	1	40		3	3	3		2
10	Reed, E. A., Coal Co.	Canton				1					1		8					
11	Sunnyside Coal Co.	Cuba				2				1	1		40				2	
12	Swords, Geo., Coal Co.	Canton																
13	Truax-Traer Coal Co	1 St. David						2		2				4			1	
14	Truax-Traer Coal Co	2 Fiatt						2		1						3	2	
15	United Electric Coal Co.	9 Cuba																
Total.				2	8	39		8	1	6	12	283	83	14	19	20	4	14
KNOX COUNTY—THIRD DISTRICT.																		
1	Galesburg Mining Co.	1 Galesburg		2	2	15		4		3	4	180	6	7	12	12	2	2
CHRISTIAN COUNTY—FOURTH DISTRICT.																		
1	Pana Coal Co.	1 Pana			1	7				1	1		132	2				
2	Peabody Coal Co	7 Kincaid		3	2			30	30	2	11			59	8		8	
3	Peabody Coal Co.	8 Kincaid		4	2			27	14	2	8	91		57	14	14	1	13
4	Peabody Coal Co.	9 Taylorville		2	2			24	15	2	16			48	8	8		34
5	Peabody Coal Co	58 Taylorville		1	2			21	12	2	13			45	4	4		
6	Penwell Coal Mining Co.	Pana			2	11				2	2	8	206	2				
Total.				10	11	18		102	71	11	51	99	338	213	34	34	1	47
SANGAMON COUNTY—FOURTH DISTRICT.																		
1	Central Illinois Coal Mining Co.	A Springfield		1	1	16		1		1	3		217	7				2
2	Jefferson Coal Mining Co.	81 Springfield			1	12		1		1	3		158	4			1	2
3	Mid State Coal Co	81 Springfield				12				1	2		130	4				2
4	Mine B Coal Co	B Springfield		2	2	25		1		2	4		321	8				4
5	Panther Creek Mines	4 Springfield		1	2	20		2		2	3		320	8				4
6	Panther Creek Mines	5 Springfield		1	2	28				1	3		305	5				3
7	Peabody Coal Co	53 Springfield		1	2	27		7	14	1	8	133		7				27
8	Peabody Coal Co.	57 Springfield		1	2	27		8	130	2	8			7	8		7	25
9	Peabody Coal Co.	59 Springfield		2	1	29		7		1	9			5	7		7	
10	Sangamon Coal Co.	2 Springfield			1	20		1		1	4		254	3			1	3
Total.				8	16	209		28	144	13	47	133	1,705	58	15	14	2	72
MACON COUNTY—FIFTH DISTRICT.																		
1	Macon County Coal Co.	Decatur			2	21				1	6	250		3	12	12		
VERMILION COUNTY—FIFTH DISTRICT.																		
1	Morgan, F. C., Coal Co.	Danville				5			1								4	1
2	Oakwood Coal Co.	Oakwood		1	1	3					1	42			2			
3	Peabody Coal Co.	24 Danville		3	1	5		22	25	2	9		10	49	18	18		19
4	Pyramid Coal Corp. Coal Strip.	2 Danville																
5	Skelton, J. G., Coal Co.	Danville				1				1			9					2
6	Tilton Mining Co.	Danville			1	4				1	1	48	4		3		3	2
7	United States Fuel Co.	Bun Georgetown		12	7	14		14		9	16	949		63	34	34		9
Total.				16	10	32		36	26	12	28	1,039	23	112	57	57	6	31

Continued.

Underground.										On surface.														Total—all employees. Number.	
Shot firers' runners.	Spraggers.	Stabblers.	Timbermen.	Trackmen.	Trappers.	All others underground.	Total underground.	Blacksmith.	Blacksmith helpers.	Carpenters.	Engineers.		Firemen.	Top foremen.	Machinists and helpers.	Picking table workers.	Superintendents.	Stabblers—top.	Watchmen.	Weightmen.	Office employees at mine.	Others on surface.	Total on surface.		
											Hoisting.	Other.													
...	...	...	2	2	...	1	69	1	...	...	1	2	...	1	...	...	1	1	...	...	...	1	4	4	
...	...	...	...	...	...	...	10	...	...	...	1	1	...	...	...	...	...	...	...	...	...	6	75	9	
...	...	...	1	1	...	...	48	1	...	...	1	1	...	...	...	...	1	...	1	...	...	5	12	10	
...	...	...	...	7	...	29	47	2	...	1	2	4	...	...	...	...	1	...	1	1	...	14	53	11	
...	...	...	...	...	...	17	25	1	...	1	...	...	...	1	...	18	9	...	1	1	2	16	90	13	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	96	57	14	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	96	96	15	
...	...	1	6	21	...	53	594	10	...	2	14	25	1	13	2	37	8	1	7	8	17	250	395	989	
...	2	1	1	10	...	4	269	3	...	1	3	1	1	1	...	6	1	...	...	2	7	26	295	1	
...	...	...	2	2	...	7	155	1	...	...	3	1	3	...	1	...	2	...	...	3	15	29	184	1	
...	3	...	24	32	...	166	378	4	...	1	4	...	...	1	2	56	1	1	7	3	5	44	129	507	2
...	2	3	19	34	...	144	449	4	...	1	4	...	...	1	3	63	1	...	7	3	4	42	133	582	3
...	1	...	28	32	...	152	372	3	...	1	4	...	...	1	3	50	1	...	8	3	4	41	119	491	4
...	2	...	20	21	...	108	257	4	...	1	4	...	2	1	4	49	1	...	6	1	5	35	113	370	5
...	4	1	4	3	...	11	256	1	...	1	3	...	3	...	1	4	1	...	...	1	3	12	30	236	6
...	4	13	1	97	124	...	588	1,867	17	...	5	22	1	8	4	14	222	7	1	28	11	24	189	553	2,420
...	3	1	3	9	...	19	284	1	...	1	3	...	...	1	...	...	1	...	1	1	4	15	23	312	1
...	1	1	4	4	...	27	220	1	...	1	3	...	...	1	2	1	1	...	1	1	3	5	20	240	2
...	1	1	4	2	...	2	163	1	...	3	3	...	...	1	...	2	1	...	1	1	2	5	20	183	3
...	3	1	6	11	...	10	400	3	...	1	3	1	1	1	...	...	1	...	1	1	8	9	30	430	4
...	2	1	6	6	...	15	391	1	...	2	3	1	1	1	...	3	1	...	1	2	2	12	29	404	5
...	2	1	7	10	...	15	375	1	...	2	3	...	1	1	2	2	1	1	2	1	2	10	29	404	6
...	1	1	30	22	...	87	369	2	...	2	4	1	...	1	1	15	1	1	4	2	5	14	52	421	7
...	2	1	26	27	...	39	320	2	...	6	4	2	...	1	1	15	1	1	5	2	5	15	62	382	8
...	3	1	20	24	...	201	317	1	...	1	4	...	2	1	1	19	1	1	4	2	4	22	63	380	9
...	1	...	4	4	...	29	326	1	...	2	3	1	1	1	...	1	...	1	1	1	4	8	25	351	10
...	19	9	110	119	...	444	3,165	14	...	21	33	6	8	10	6	58	8	6	20	14	39	115	358	3,523	
...	1	1	8	5	...	...	322	1	...	1	4	...	1	1	...	...	1	...	1	1	8	6	25	347	1
...	...	...	1	...	...	...	12	...	...	...	1	...	...	...	3	4	1	...	...	...	5	10	22	1	
...	2	...	48	36	...	136	403	4	...	6	4	2	3	1	1	17	1	...	1	3	4	18	67	470	3
...	...	...	...	...	...	...	13	...	...	1	4	...	4	1	1	6	1	...	1	...	2	31	52	52	4
...	...	...	1	1	...	1	70	1	...	1	1	...	...	...	...	...	1	...	...	...	2	2	15	5	
...	6	1	77	70	...	110	1,425	10	...	2	6	1	5	1	1	...	1	...	1	1	2	51	85	1,510	7
...	8	1	127	108	...	249	1,978	15	...	9	17	3	12	3	6	27	7	...	5	6	14	107	231	2,209	

TABLE 15—

Number.	Name of operator.	Name or number of mine.	Post office of mine.	Underground.													
				Bratticemen.	Cagers.	Drivers.	Boss drivers.	Electricians and helpers.	Mechanical loading machine operators.	Mine examiners.	Mine managers and assistants.	Machine miners.	Pick miners.	Motormen and assistants.	Machine helpers.	Machine runners.	Pumpmen and pipemen.
MACOUPIN COUNTY—SIXTH DISTRICT.																	
1	Consolidated Coal Co.	7	Staunton	2	4			9	28	2	3			32	10	10	24
2	Consolidated Coal Co.	15	Mt. Olive	2	2			18	35	5	12			60	25	25	47
3	Gillespie Coal Co.		Gillespie	1	2	17		5		1	4	104		6	5	5	5
4	Mt. Olive Coal Co.		Mt. Olive	2	2	2		2	1	112				8	4	4	
5	South Mine Coal Co.		Carlinville			2			1	1			13		1	1	
6	Superior Coal Co.	1	Gillespie	6	4	2		16	4	10	264			42	5	5	
7	Superior Coal Co.	2	Gillespie	5	4			16	4	11	315			40	12	12	
8	Superior Coal Co.	3	Gillespie	8	4	2		23	4	11	348			44	9	9	
9	Superior Coal Co.	4	Gillespie	6	1			10	3	6	183			26	5	5	
10	Virden Coal Co.		Virden	2	2	5		1	1		100			4	6	6	
Total				30	25	30		100	63	27	59	1,426	13	262	82	82	76
MONTGOMERY COUNTY—SIXTH DISTRICT.																	
1	Hillsboro Coal Co.		Hillsboro		3	16				2	4			12		13	
2	Indiana & Illinois Coal Corp.	10	Nokomis	4	4			24	35	3	9			61	16	15	8
Total				4	7	16		24	35	5	13			73	16	28	8
SHELBY COUNTY—SIXTH DISTRICT.																	
1	Erie Sootless Coal Co.		Moweaqua	1	1	3		1		1	1	54		1	4	4	2
BOND COUNTY—SEVENTH DISTRICT.																	
1	Illinois-Pocahontas Coal Co.		Pocahontas		1	12		2	2	1	3	90		3		16	2
MADISON COUNTY—SEVENTH DISTRICT.																	
1	Bullock Mining Co.		Collinsville		1	6					1		41				
2	Chicopee Coal Co.		Troy	1	1	7			1	1		60		3	4	4	
3	Livingston-Mt. Olive Coal Co.	1	Livingston		2			2		1	1	230		19	15	15	
4	Lumaghi Coal Co.	2	Collinsville	2	1			11		2	8	160		24	14	14	
5	Madison County Coal & Mining Co.		Edwardsville	1				2		2	3	141		16	7	7	
6	Mt. Olive & Staunton Coal Co.	2	Staunton	2	2	30		24	36	3	12			28	16	16	
7	Stiers Bros. Construction Co.		Moro														
Total				5	8	43		39	37	9	25	591	41	90	56	56	
MARION COUNTY—SEVENTH DISTRICT.																	
1	Marion County Coal Co.		Centralia	2	1	18		9	14	2	8	11		14	8	8	4
2	Odin Coal Co.		Odin		4	12				1	1	122	1	4	10	10	
Total				2	5	30		9	14	3	9	133	1	18	18	18	4
CLINTON COUNTY—EIGHTH DISTRICT.																	
1	Beckemeyer Coal Co.		Beckemeyer		2	4		1		1			69	1	3	3	
2	Citizens Coal Co.		Breese		2	5		1		1	1	66		3	4	4	
3	Southern Coal, Coke & Mining Co.	9	New Baden	2	4			4		2	2	154		16	12	12	
Total				2	8	9		6		4	3	220	69	20	19	19	

Continued.

Underground.										On surface.														Total—all employees.	Number.
Shot firers' runners.	Spraggers.	Stablemen.	Timbermen.	Trackmen.	Trappers.	All others underground.	Total underground.	Blacksmith.	Blacksmith helpers.	Carpenters.	Engi-neers.		Firemen.	Top foremen.	Machinists and helpers.	Picking table workers.	Superintendents.	Stablemen—top.	Watchmen.	Weighmen.	Office employees at mine.	Others on surface.	Total on surface.		
											Hoisting.	Other.													
6	3	1	12	12		90	241	1		3	3		2	2	3	45	1		2	2	16	34	275	1	
1	3	1	25	32		95	390	5		5	4	1	4	1	1	19	1		2	3	54	130	520	2	
			4	4		11	182	2		1	3				1				2	8	40	222	3		
			1	1		1	147	1		1	3		5		1		1		1	2	1	18	165	4	
			46	40		62	509	3		1	4		6	1					1	2		3	24	5	
			26	42		93	583	3		2	4		7	1					1	2		17	35	6	
			31	40		89	625	2		1	4		10	1					1	3		15	35	7	
			20	30		49	345	2		1	4		3	1					1			18	40	8	
			3	2		2	132	1		1	3		2	1					1	1		18	30	9	
																						4	15	147	10
7	16	2	174	209		492	3,175	20		16	33	1	39	10	5	66	4		8	16	11	151	380	3,555	
	4	2	20			126	202	2			3		5	1	2	6	1		1		4	10	37	239	1
	4		51	42		175	451	4		3	3	1	2	1	2	38	1			1	4	24	84	535	2
	8	2	71	42		301	653	6		3	6	1	7	2	4	44	2		2	1	8	34	121	774	
		1	1	1		3	79	1			3		1				1			1	1	2	10	89	1
2	1	1	6	6		14	163	1		1	3		1	1		6	1			1	2	7	24	187	1
			3				52				1								1	1		3	6	58	1
		5	3			6	96	1		1	3		1						1			4	13	109	2
1	2	1	13			11	313	2		1	4		3	1		5	1		1	2	2	8	30	343	3
2	4	1	28	26		32	329	10		1	3		4	1	1	17	1		3	1	2	14	58	387	4
		5	7			8	199	1		3	1		1	1	1	5			2	1		1	16	215	5
		2	19	50		193	433	4		2	4	1	8	1	6	49	1		1	1	5	17	100	533	6
											2		1	1		2	1		1	1	1	3	13	13	7
3	6	3	58	102		250	1,422	18		5	20	1	18	5	8	78	4		7	9	13	50	236	1,658	
	3	2	9	3		78	194	4		5	4		7	1	1	8	1		3	1	3	19	57	251	1
		2	2			1	170	2		2	4		4	1		5				1	3	6	23	198	2
	3	2	11	5		79	364	6		7	8		11	2	1	13	1		3	2	6	25	85	449	
	1		2	3		4	94	2		1	3		1	1					1	1	1	4	15	109	1
	1		2	2			92	1		1	3		2	1					1	1	1	5	15	107	2
		6	12			7	233	3		2	3		3	1	1	5			1	2	8	29	262	3	
	2		10	17		11	419	6		4	9		6	3	1	5			1	3	4	17	59	478	

Number.	Name of operator.	Name or number of mine.	Post office of mine.	Underground.														
				Bratticemen.	Cagers.	Drivers.	Boys Drivers.	Electricians and helpers.	Mechanical loading machine operators.	Mine examiners.	Mine managers and assistants.	Machine miners.	Pick miners.	Motormen and assistants.	Machine helpers.	Machine runners.	Pumpmen and pipemen.	Shot firers and drillers.
ST. CLAIR COUNTY—EIGHTH DISTRICT.																		
1	Eldnar Coal Co.		Belleville		1	2				1	1				2		2	
2	Freeburg Coal Co.		Freeburg		1	4					1			48	1			
3	Gill Coal Corp.		Marissa		2	6				1	1			84	2		2	
4	Golden Rule Coal Co.		Lenzburg		1	4				1	1			32	1		2	
5	Groom Coal Co.		Belleville		2	6	1			1	1			54	2	2	15	
6	Guest Coal Co.		Belleville		3	4				2	2		48		1	4	2	
7	Gundlach Coal Co.		E. St. Louis.		15		4	8	1	1					4	7	8	
8	Lenzburg Coal Co.		Lenzburg		1	3				1	1			32	2		2	
9	Mulberry Hill Coal Co.		Freeburg		1	5				1	1			65	2		6	
10	New National Coal & Mining Co.		Belleville		1	4			2	1		36			1	2	2	
11	O. K. Coal Co.		Marissa		2	7				1	1		105	2			3	
12	Perry Coal Co.	Carbon	O'Fallon		2	7				1	1		57	2			12	
13	Perry Coal Co.	St. Ellen	O'Fallon	1	13		11	8	1	8					15	8	8	
14	Prairie Coal Co.		Belleville		4	10	1		1	1			130	4			2	
15	Quality Coal & Mining Co.		Belleville		2	6			2	1			48	1		1	2	
16	Rentehlor Fuel Co.		Belleville		1	2				1			30	1			6	
17	St. Louis & O'Fallon Coal Co.		E. St. Louis.	1	2	14	7	2	3	8	264				19	21	21	
18	Service Coal Co.		Belleville		2	4				1	1		63	2				
19	Southern Coal, Coke & Mining Co.	6	Belleville		1	4	1		1	1			62	1			2	
20	Southern Coal, Coke & Mining Co.	7	Belleville	4	2	12	3	12	1	3					3		9	
21	Vinegar Hill Coal Co.		Lenzburg		2	4				1	1		34				8	
22	White Coal Co.		Belleville		1	6				1	1		51	2			11	
Total					6	35	142		28	30	26	38	348	895	70	44	45	97
JACKSON COUNTY—NINTH DISTRICT.																		
1	Peacock Coal Co.		Cartersville.			1		1			1	10				1	1	
2	Truax-Traer Coal Co.	1	Elkville															
3	Truax-Traer Coal Co.	2	Elkville															
4	Union Colliery Co.		Dowell	1	2		37	44	5	18	119				76	22	22	
Total					4	2	1	38	44	5	19	129			76	23	23	
PERRY COUNTY—NINTH DISTRICT.																		
1	Bailey Bros. Coal Co.		DuQuoin			1				1	1			7				
2	Beaucoup Coal Co.		Pinekevnyville.			1					1	1					1	
3	Biby Coal Co.		Pinekevnyville			1								9				
4	Briar Hill Coal Mining Co.	45	Pinekevnyville	1	1	3				1	1			50	2		2	
5	Conant Coal Co.		Conant			1					1			7				
6	Coulterville Coal Co.		Coulterville.	1	2	9		1		1	2	116			3	8	7	
7	Crerar-Clinch Coal Co.	14	DuQuoin	1	2	5	12			3	5	413	12	13	21	21	1	
8	Crerar-Clinch Coal Co.	15	DuQuoin.														4	
9	Cutler Coal Co.		Cutler		1	5		1		1	1	70			2	5	5	
10	Home Coal Co.		Willisville			1					1	1			1	1	1	
11	Home Coal Mining Co.		Tamaroa			2					1	1						
12	Huestler Coal Co.	8	Willisville	1	1					1	1				1	1	1	
13	Imperial Valley Coal Co.		Tamaroa.			1					1	8					2	
14	New Galem Coal Co.		Cutler.		1	2				1	1			10				
15	Perfection Coal Co.		DuQuoin										36					
16	Pyramid Coal Corp.		Pinekevnyville															
17	Pyramid Coal Corp.	1	Pinekevnyville															
18	Ring Coal Co.	1	Cutler	1	2					1	1			17			2	

Continued.

Underground.										On surface.															Total—all employees.	Number.
Shot firers' runners.	Spraggers.	Stablemen.	Timbermen.	Trackmen.	Trappers.	All others underground.	Total underground.	Blacksmith.	Blacksmith helpers.	Carpenters.	Engi- neers.		Firemen.	Top foremen.	Machinists and helpers.	Picking table workers.	Superintendents.	Stablemen—top.	Watchmen.	Weightmen.	Office employees at mine.	Others on surface.	Total on surface.			
2	1	1	1	3	2	27	37	60	1		1	2	1	1				1		1	1	1	5	42	1	
	1	1	3	2	5	106	166	57	1		2	2	1	1	1				1	1	1	2	6	66	2	
			7	9		93	102	70	1	1	1	1	1	1		2			1	1	1	9	115	3		
	1		1	2	2	48	102	79	1		1	1	1	1		17		1	1	2	1	14	107	5		
			1	3	2	52	129	91	1		1	2	1	1				1	1	1	1	2	5	53	8	
	2	1	1	4		129	183	91	1	1	2	2	1	1	1	4			1	1	1	1	7	59	10	
7	2	15	17	12		165	183	165	1	4	1	3	2	1	1	23			1	1	1	11	140	11		
			1	2		66	165	66	1		1	1	1	1				1	1	1	1	5	15	106	12	
	3	1	1	1	21	44	443	75	1	1	2	3	4	1	1	14		1	1	1	1	3	7	73	15	
	1	1	2	4		81	81	81	1		1	1	4	1	1				1	1	2	16	47	490	17	
	2	1	5	13	13	83	83	3	3		3	3	2	1		22			3	1	5	11	86	18		
		3	2	2	2	57	57	1			2	2	1			2			1	1	2	9	90	19		
			2	2	7	84	84	1			1	1	2	1					1	2	1	10	67	21		
																						11	95	22		
2	19	9	48	108		213	2,205	25		7	37	4	21	9	2	85	8		11	24	25	77	335	2,540		
				1		4	20	1			1		1		2	25	1		1		2	2	6	26	1	
							2	2				5	1	4	2	44	1				7	103	152	152	2	
	5		15	31		9	412	2		7	4	4		2	7	62	1	1	2	5	109	173	173	3		
	5		15	32		13	432	7		7	6	9	2	8	13	131	3	1	8	1	19	248	463	895		
							10				1												1	11	1	
			1	1		3	10	1			1		1									3	13	2		
							10															2	9	72	3	
				2			63	1			3					2					1	1	5	15	5	
	1	1	1	5		2	161	1			1		1	1	3	20	1		1	1	5	15	176	6		
3	1	6	18		39	580	2	3			4	2	5	2	2	20	1		3	1	5	70	115	695	7	
							97	1			8	1	1	2	2	20	4		1	1	1	68	110	110	8	
			1	4		9	12	1			1		1						1	1	1	3	14	111	9	
				1		9	15	1			2			1								4	19	10		
							16	1			1										1	6	22	12		
							14	1			1		2								1	3	17	13		
				1			42				1					2					1	5	47	14		
							1				3		1								1	40	50	15		
							6			2		15	4	1	8	23	1		3	1	4	159	223	223	16	
							1				2	9	1	2		11	1		1	2	62	96	96	17		
						24					1		1			2						4	28	18		

TABLE 15—

Number.	Name of operator.	Name or number of mine.	Post office of mine.	Underground.														
				Bratticemen.	Cagers.	Drivers.	Boys drivers.	Electricians and helpers.	Mechanical loading machine operators.	Mine examiners.	Mine managers and assistants.	Machine miners.	Pick miners.	Motormen and assistants.	Machine helpers.	Machine runners.	Pumpmen and pipemen.	Shot firers and drillers.
PERRY COUNTY—NINTH DISTRICT— Concluded.																		
19	Tamaroa Coal Co.	43	Tamaroa			2				1	1		12					
20	Tamaroa Fuel Co.	43	Tamaroa		1	1				1	1		7					2
21	United Electric Coal Co.	11	DuQuoin															
22	Whip-Poor-Will Coal & Mining Co.		Cutler		1	7				1	1		89					2
23	Winkle Coal Co.		Swanwick		1	2		3		1	3	45		4	3	3		2
Total				2	12	47		17		15	24	652	256	26	39	38	2	19
RANDOLPH COUNTY—NINTH DISTRICT.																		
1	Gulf Fuel & Mining Co.		Sparta	1	1	6		3		1	1	50		2	5	4	1	
2	Ill-Mo Coal Co.		Sparta			5		1			1	14			1	1		
3	Jones Bros. Coal Mining Co.		Marissa		2	5				1	2		102		2			2
4	Moffat Coal Co.	1	Sparta	1	1	30		6		2	4	225		15	13	13	2	
5	St. Louis Coal Co.		Coulterville	1	1	13		6		1	3	90	23	1	10	15		2
Total				3	5	59		16		5	11	379	125	20	29	33	3	6
WASHINGTON COUNTY—NINTH DISTRICT.																		
1	Bois Coal Co.		DuBois		1	4				1	1		25					2
2	Centralia Coal Co.	5	Centralia	1	1			15	12	1	8	47		33	10	10		
3	Clarkson Coal & Mining Co.		Nashville		2	8		1		1	1	62		2	4	4		
Total				1	4	12		16	12	3	10	109	25	35	14	14		2
FRANKLIN COUNTY—TENTH DISTRICT.																		
1	Bell & Zoller Coal & Mining Co.	1	Zeigler	4	1			12	19	6	21			100	18	19	1	17
2	Bell & Zoller Coal & Mining Co.	2	Zeigler	8	4			51	30	9	21	90		88	32	32	2	26
3	Chicago, Wilmington & Franklin Coal Co.	1	Orient	3	4			4	28	6	17			58	18	18	1	7
4	Chicago, Wilmington & Franklin Coal Co.	2	West Frankfort	6	1			16	60	16	36			106	34	34		11
5	Franklin County Coal Corp.	5	Herrin	4	4	39		13	8	8	13	156		16	17	16	1	4
6	Franklin County Coal Corp.	7	Royalton	5	3			22	9	9	12	113		47	16	16		3
7	InterState Coal Co.	21	West Frankfort	1	2			8	3	3	4			21	9	9	5	3
8	Old Ben Coal Corp.	8	West Frankfort	2	2			20	5	6	11			67	27	27	1	33
9	Old Ben Coal Corp.	14	Buckner		2			8	3	10				46	12	12		36
10	Old Ben Coal Corp.	15	West Frankfort	1	2			12	2	10				54	24	24	1	28
11	Peabody Coal Co.	19	West Frankfort	2	2	32		8	6	6	6	279		12	19	19	1	5
12	Valier Coal Co.	1	Valier	9	2			45	24	10	19			104	24	24	2	56
Total				45	29	71		219	183	84	180	638		719	250	250	15	229
SALINE COUNTY—ELEVENTH DISTRICT.																		
1	Blue Bird Coal Co.		Carrier Mills					2						3			3	4
2	Peabody Coal Co.	47	Hareo	9	1			12		7	9	560		56	18	18	2	6
3	Rex Coal Co.		Eldorado	1	1			8	5	2	7	120		40	11	11	1	3
4	Sahara Coal Co.		Harrisburg	2	2	17		6		5	8	380		28	18	16	3	4
5	Sahara Coal Co.		Harrisburg	3	2			6		3	8	275		34	11	11	3	2
6	Sahara Coal Co.		Eldorado	4	2	7		6		5	8	250		28	11	10	1	3
7	Sahara Coal Co.	12	Harrisburg	2	2	11		4		2	6	249		26	9	9	1	2
8	Wasson Coal Co.		Harrisburg	2	2			2		1	2	99		10	5	5	3	
9	Wasson Coal Co.	1	Harrisburg	3	2	15		6	2	4	7	315		29	13	28	1	4
Total				26	14	50		52	7	29	55	2,248		254	96	108	18	28

Continued.

Underground.										On surface.																
Shot firers' runners.	Spraggers.	Stabblers.	Timbermen.	Trackmen.	Trappers.	All others underground.	Total underground.	Blacksmiths.	Blacksmith helpers.	Carpenters.	Engi- neers.		Firemen.	Top foremen.	Machinists and helpers.	Picking table workers.	Superintendents.	Stabblers—top.	Watchmen.	Weighmen.	Office employees at mine.	Others on surface.	Total on surface.	Total—all employees.	Number.	
											Hoisting.	Other.														
				1			17					1					1				1		3	20	19	
	1					1	14																2	16	20	
	1	1	3	4		3	107	2		1	2	26		1	1	4	21	1		3	1	2	173	247	21	
							78	2			2					6			1	1	1	2	4	120	22	
	7	3	12	42		67	1,280	25		5	37	53	22	23	19	111	11	1	16	7	23	596	949	2,229		
	1			5		2	83	2		1	4		1					1	1	2	1	4	17	100	1	
				1			26				1								1			2	4	30	2	
	3	2		3			124	1			2		2				1		1	1	1	3	12	136	3	
	2	1	6	16		11	344	2	2	2	3	2	2	1	1	1	4	1	1	2	2	10	33	377	4	
				7		4	186	2	2	2	3		1	1	1	18	1	1	1	3	8	41	227	5		
	6	4	6	32		21	763	7		5	13	2	6	2	2	22	3	1	4	6	7	27	107	870		
	1		12	14		14	34	1			1			1	1	1				1	1		6	40	1	
			1	4			179	2	2	2	3	3	7	1	1	19	2		1	1	4	11	54	233	102	
							90	1	1	1	3		1			1			1	2		2	12	102	3	
	1		13	18		14	303	4		3	5	3	8	2	1	22	1		1	4	5	13	72	375		
	1		34	40		199	492	4		1	5			2	3		1		4	1	2	100	128	620	1	
	8		36	40		202	679	2		3	3	4		4	4	16	16	2		1	3	143	204	883	2	
			20	26		140	350	4			5	2	6	3	3	4	65	1	2	1	6	31	130	480	3	
			45	70		265	700	10		2	6	3	3	5	10	101	1		3	1	14	71	230	930	4	
	6		14	32		115	466	4	4	4	2	6	2	1	28	1	1	3	1	1	7	40	104	570	5	
	2		17	26		152	458	4	5	2	3	5	2	8	46	...		1	1	1	7	32	117	575	6	
			8	9		155	239	2	3	4		5	1	2	6	...			1	1	3	10	38	277	7	
			8	36		158	403	2	8	4		4				26	2	2	3	2	3	56	112	515	8	
			15	20		235	399	2	6	4	2			1		22		2	3	2	2	48	92	491	9	
			10	25		222	415	2	4	5		4			2	23			3	2	1	34	80	495	10	
	4		16	12		39	462	4	5	4		4	1	2	23	1	2	2	2	3	6	18	75	537	11	
			33	37		79	468	6		4			3	1	6	8	1		2	1	3	27	66	534	12	
	29		256	373		1,961	5,531	46		45	50	15	49	22	54	364	10	8	29	17	57	610	1,376	6,907		
	3		7	28		36	52	2								14	1		3			7	31	87	1	
	1		31	12		54	790	5		13	4	1	2	6	1	1	23	1		5	1	5	30	86	876	2
	3		6	24		20	274	2		4	3	1	5	1	1	15	1	1	2	5	2	3	12	64	338	3
	4		2	16		19	542	3		4	3	1	3	1	1	10	1			6	1	1	36	80	622	4
	4	1	6	15		3	383	3		5	3	1	3	1	1	10	1			3	1	1	8	41	424	5
	4		2	17		13	374	2		3	3		3	1	2	10	1			4	1	2	17	49	423	6
	1		2	7		4	350	2		2	3		3	1	1	14	1	1		4	1	1	19	53	403	7
	5	1	7	15		3	144	1		4		1	3	1		5				1	1	1	10	28	172	8
						22	479	3		3	3	1	4	1		12				1	1	1	20	50	529	9
1	25	2	63	138		174	3,388	23		38	20	7	33	8	8	115	7	4	32	9	19	159	482	3,870		

TABLE 15—

Number.	Name of operator.	Name or number of mine.	Post office of mine.	Underground.															
				Bratticemen.	Cagers.	Drivers.	Boos drivers.	Electricians and helpers.	Mechanical loading machine operators.	Mine examiners.	Mine managers and assistants.	Machine miners.	Pick miners.	Motormen and assistants.	Machine helpers.	Machine runners.	Pumpmen and pipemen.	Shot firers and drillers.	
WHITE COUNTY—ELEVENTH DISTRICT.																			
1	Norris City Coal Mining Co.	Norris City.		1	2	5		1		1	1	43		1	3		3	1	
WILLIAMSON COUNTY—TWELFTH DISTRICT.																			
1	Blue Hill Coal Co.	Marion		1	2	6		1		1	1		60	1	3		3		4
2	Carbon Fuel Co.	Marion			1	1				1	1	18		1	1		1		2
3	Carolan, W. P. & Co.	Marion																	
4	Cartersville Mining & Engineering Co.	Carbondale																	
5	City Lake Coal Co.	Herrin				5				1	1		28						2
6	Consolidated Coal Co.	Herrin	7	2	2			25	3	7		52		43	14	12	3		4
7	Consumers Coal & Materials Co.	Marion																	
8	Delta Coal Mining Co.	Marion																	
9	Diamond Coal Co.	Herrin	1			1				1			5						2
10	Forsyth Cartersville Coal Co.	Cartersville																	
11	Franco Mining Corp.	Johnston City.	1	4	2			9		3	10	106	26	33	12	12	5		2
12	Freeman Coal Mining Co.	Herrin		2	2	6		6	5	1	4	144		18	4	4	1		2
13	Jeffries Coal Co.	Herrin				1					1		8						
14	McLaren Coal Co.	Cartersville	1																
15	New Watson Coal Co.	Herrin				2				1	1		17					1	2
16	Old Ben Coal Corp.	Johnston City.	18	2	2			12		4	9			47	11	11	4		34
17	Puritan Coal Co.	Marion				1				1	1		9						
18	Seymour Coal Co.	Herrin		2	3	21		7	3	1	5	140		6	16	4	3		
19	Spillertown Mining Co.	Johnston City.								1	1	12			1	1			1
20	Wallace Coal Co.	Marion				5				2	1	1			1	2	2	1	2
Total				13	15	52		35	35	20	43	472	153	150	64	50	19		57

Underground.							On surface.																			
Shot firers' runners.	Sprangers.	Stablenen.	Timbermen.	Trackmen.	Trappers.	All others underground.	Total underground.	Blacksmith.	Blacksmith helpers.	Carpenters.	Engineers.		Firemen.	Top foremen.	Machinists and helpers.	Picking table workers.	Superintendents.	Stablenen—top.	Watchmen.	Weightmen.	Office employees at mine.	Others on surface.	Total on surface.	Total—all employees.	Number.	
											Hoisting.	Other.														
1	1		1	2			66	1			4		1				3		1		1	2	2	15	81	1
	1			3			87	1		1	3			1	1		1		1	1		1	2	14	101	1
			1	1			30	1			1												3	35	2	3
												4		1	2		5	1				1	9	24	24	4
	2		12	32		57	37	1		4	4		4	3	2	42			1				6	100	370	6
							270	3				2					1		1	2		29	8	90	90	8
				1			10	1		1	1			1		12	1		1	1	2	69	9	12	12	9
	5		16	13			270	1			4	1		1	1	3	3		1	1		1	24	33	33	10
4			9	16		12	231	4		5	4	4		6	1	1	16		1	1	2	16	59	59	329	11
					3		10	2		3	1					16	1	1	2	4		11	45	276	12	13
												4					1						2	12	13	7
								1											1		1	13	26	26	14	14
			1	1			26				1				1		5		1				2	28	15	15
			15	25		272	448	2		4	4	2			1		29		3	2	2	36	85	533	16	16
			6	15		12	245	1		7	4			3		2	27	1	1	1	2		2	52	297	17
			2	2		11	20				1			1		1	1					1	4	24	19	19
							33				1			1		1	1				1	8	13	46	26	26
1	12		62	109		367	1,729	18		26	31	20	14	12	9	157	11	3	12	12	23	238	586	2,315		

TABLE 16—CLASSIFICATION OF

District.	Underground.																			
	Bratticemen.	Cagers.	Drivers.	Boss drivers.	Electricians and helpers.	Mechanical loading machine operators.	Mine examiners.	Mine managers and assistants.	Machine miners.	Pick miners.	Motormen and assistants.	Machine helpers.	Machine runners.	Pumpmen and pipemen.	Shot firers.	Shot firers' runners.	Spraggers.	Stablemen.	Timbermen.	Trackmen.
First.....	10	42	.....	.....	.....	.....	5	10	313	586	6	13	7	.....	4	.....	7	4	21	9
Second.....	4	7	87	.....	21	2	11	22	891	284	31	51	51	6	8	.....	3	2	35	51
Third.....	4	10	54	.....	12	1	9	16	463	89	21	31	32	6	16	.....	2	2	7	31
Fourth.....	18	27	227	.....	130	215	24	98	232	2,043	271	49	48	3	119	4	32	10	207	243
Fifth.....	16	12	53	.....	36	26	13	34	1,289	23	115	69	69	6	31	.....	9	2	135	113
Sixth.....	35	33	49	.....	125	98	33	73	1,480	13	336	102	114	.....	86	7	24	5	246	252
Seventh.....	7	14	85	.....	50	53	13	37	814	42	111	74	90	1	6	5	10	6	75	113
Eighth.....	8	43	151	.....	34	30	30	41	568	964	90	63	64	2	97	2	21	9	58	125
Ninth.....	10	23	119	.....	87	56	28	64	1,269	406	157	105	108	8	27	.....	19	7	46	124
Tenth.....	45	29	71	.....	219	183	84	180	638	.....	719	250	250	15	229	.....	29	.....	256	373
Eleventh....	27	16	55	.....	53	7	30	56	2,291	.....	255	99	111	19	28	2	25	2	64	140
Twelfth....	13	15	52	.....	35	35	20	43	472	153	150	64	50	19	57	1	12	.....	62	109
Total..	187	239	1,045	.....	802	706	300	674	10,720	4,603	2,262	970	994	85	708	21	193	49	1,212	1,683

## MINE EMPLOYEES BY DISTRICTS.

Underground.			On surface.																	
Trappers.	All others underground.	Total underground.	Blacksmith.	Blacksmith helpers.	Carpenters.	Engi- neers.		Firemen.	Top foremen.	Machinists and helpers.	Picking table workers.	Superintendents.	Stablemen—top.	Watchmen.	Weighmen.	Office employees at mine.	Others on surface.	Total on surface.	Total—All employees.	Number.
....	69	1,106	17	....	5	17	42	3	11	8	66	7	....	9	8	28	387	608	1,714	1
....	37	1,604	12	....	4	9	1	2	6	7	4	7	5	6	9	20	31	123	1,727	2
....	57	863	13	....	3	17	26	2	14	2	43	9	1	7	8	19	257	421	1,284	3
....	1,032	5,032	31	....	26	55	7	16	14	20	280	15	7	48	25	63	304	911	5,943	4
....	249	2,300	16	....	10	21	3	13	4	6	27	8	....	6	7	22	113	256	2,556	5
....	796	3,907	27	....	19	42	2	47	12	9	110	7	2	9	18	20	187	511	4,418	6
....	343	1,949	25	....	13	31	1	30	8	9	97	6	....	10	12	21	82	345	2,294	7
....	224	2,624	31	....	11	46	4	27	12	3	90	8	....	12	27	29	94	394	3,018	8
....	115	2,778	43	....	20	61	67	38	35	35	286	18	3	29	18	54	884	1,591	4,369	9
....	1,961	5,531	46	....	45	50	15	49	22	54	364	10	8	29	17	57	610	1,376	6,907	10
....	174	3,454	24	....	38	24	7	34	8	8	118	7	5	32	10	21	161	497	3,951	11
....	367	1,729	18	....	26	31	20	14	12	9	157	11	3	12	12	23	238	586	2,315	12
....	5,424	32,877	303	....	220	404	195	275	158	170	1,642	113	34	209	171	377	3,348	7,619	40,496	

TABLE 17—OUTPUT OF SHIPPING MINES BY MONTHS—1930-1935.

Month.	1930	1931	1932	1933	1934	1935
January.....	6,560,159	4,910,869	3,838,402	3,335,862	4,106,319	4,779,807
February.....	4,784,623	3,810,167	4,179,951	3,549,192	3,917,258	4,316,606
March.....	4,133,842	4,297,523	5,983,823	3,145,171	4,234,877	4,818,273
April.....	3,674,352	3,040,068	363,773	2,078,449	2,342,935	1,904,042
May.....	3,354,981	2,973,862	526,696	2,036,464	2,112,730	2,430,891
June.....	3,033,048	2,775,193	603,344	2,059,674	2,125,718	2,913,961
July.....	3,274,699	2,816,435	754,864	2,383,220	2,274,176	1,860,593
August.....	3,716,651	3,336,309	1,676,136	2,791,977	2,755,409	2,292,631
September.....	3,977,358	3,384,003	2,404,392	2,888,181	3,219,010	2,758,627
October.....	5,251,276	4,059,961	3,338,466	3,657,337	3,622,931	4,566,074
November.....	4,787,969	3,530,227	3,623,977	3,611,034	3,501,698	3,968,945
December.....	5,427,650	4,138,441	4,108,575	3,854,116	4,442,466	4,799,964
Total.....	51,996,608	43,073,058	31,402,399	35,390,677	38,655,527	41,410,414

TABLE 18—NUMBER OF MINES OPERATED AND AVERAGE DAYS WORKED EACH MONTH—1930-1935.

Month.	1930		1931		1932		1933		1934		1935	
	Mines.	Days.	Mines.	Days.	Mines.	Days.	Mines.	Days.	Mines.	Days.	Mines.	Days.
January.....	171	20	158	16	137	15	136	15	152	18	166	10
February.....	166	14	148	13	136	15	138	16	152	17	167	17
March.....	157	13	139	16	137	20	136	13	153	17	167	17
April.....	142	13	134	11	38	9	124	10	139	10	125	10
May.....	134	12	121	12	39	10	106	11	125	10	121	11
June.....	128	12	118	12	39	10	104	10	116	11	129	12
July.....	140	12	114	12	50	10	109	11	119	12	114	10
August.....	143	13	121	13	86	10	122	13	135	13	130	10
September.....	152	14	131	13	77	15	129	13	154	15	153	13
October.....	157	18	140	16	121	17	140	16	163	15	161	18
November.....	162	16	143	14	136	17	142	15	161	16	162	16
December.....	165	17	147	16	144	18	147	16	158	19	162	18
Total and average...	185	a145	167	a130	162	a107	159	a131	172	a147	182	a147

a. Average.

TABLE 19—SHIPPING MINES—NUMBER OPERATED, TONS PRODUCED, AVERAGE DAYS WORKED, AND NUMBER EMPLOYED IN 1935 AND 1934, AND GAIN OR LOSS BY COUNTIES.

County.	1935.					1934.					Gain (+) or loss (—).					Per cent of gain (+) or loss (—).				
	Mines operated.	Tons produced.	Average days worked.	Men employed.	Mines operated.	Tons produced.	Average days worked.	Men employed.	Mines.	Tons.	Days.	Men.	Mines.	Tons.	Days.	Men.	Mines.	Tons.	Days.	Men.
Bond .....	1	84,855	100	187	1	28,612	58	163	+1	+55,743	+42	+24		+194.8	+72.4	+14.7				
Bureau .....	1	42,129	206	926						+42,129	+206	+226								
Christian .....	6	3,910,364	171	2,420	6	3,860,706	189	2,445		+49,658	-18	-25		+1.3	-9.5	-1.0				
Clinton .....	3	243,418	134	478	3	284,250	185	471		-40,832	-51	+7		-14.4	-27.5	+1.5				
Franklin .....	12	7,985,155	147	6,907	15	7,780,162	130	8,407	-3	+204,993	+17	-1500		+2.6	+13.1	-17.8				
Fulton .....	15	1,926,313	165	389	14	1,526,408	172	1,183	+1	+399,905	-7	-194		+26.2	-4.0	-16.4				
Henry .....	2	559,346	241	364	2	559,617	215	258		-271	+26	+6			+12.1	+2.3				
Jackson .....	4	1,271,128	111	595	4	1,479,068	153	828		-207,940	-42	+67		-14.1	-27.4	+8.1				
Knox .....	1	289,586	210	295	1	311,751	225	295		-22,171	-15	-15		-7.1	-6.7					
LaSalle .....	4	247,283	173	506	3	189,807	152	445	+1	+57,456	+21	+61		+30.3	+13.8	+13.7				
Macoupin .....	1	177,959	207	347	1	164,401	232	332		+10,458	-25	+15		+6.4	-10.8	+4.5				
Madison .....	10	3,577,929	133	3,555	8	3,361,771	171	3,368	+2	+316,158	+22	+187		+9.4	+12.9	+5.6				
Marion .....	7	1,374,760	133	1,658	7	1,342,513	139	1,662		-32,277	-6	-4		+2.4	-4.3	-2				
Montgomery .....	2	342,156	142	449	2	292,762	114	450		+49,394	+28	-1		+16.9	+24.6	-2				
Peoria .....	2	540,329	182	774	2	549,671	177	796		-8,742	-5	-22		-1.6	+2.8	-2.8				
Perry .....	4	1,222,500	180	2,210	4	1,253,164	189	1,243		-30,664	-9	-33		-2.5	-4.8	-2.7				
Putnam .....	23	3,567,306	106	2,229	20	3,019,772	118	2,024	+3	-288,034	-12	+205		+9.5	-10.2	+10.1				
Randolph .....	5	81,124	92	394	1	80,913	92	436		+211		-42		+3		-0.6				
Saline .....	5	522,885	111	870	4	435,196	118	749	+1	+87,689	-7	+121		+20.1	-5.9	+16.2				
Shannon .....	9	3,146,340	149	3,870	8	2,700,687	147	3,793	+1	+445,653	+2	+137		+16.5	+1.4	+3.7				
Shelby .....	10	2,535,381	139	3,523	10	2,195,923	143	3,285		+139,458	+4	+238		+6.4	+2.8	+7.2				
St. Clair .....	1	7,179	59	89	1	10,362	64	71		-3,183	-5	+18		-30.7	-7.8	+25.3				
St. Clair .....	22	2,019,250	141	2,540	22	2,043,764	142	2,496		-24,514	-1	+44		-33.7	-5.3	-24.8				
Tazewell .....	7	1,401,819	179	203	7	212,515	189	270		-71,696	-10	-67		-1.2	-1.4	-2.0				
Vermilion .....	7	1,675,250	140	2,209	6	1,675,604	138	2,253		-354	+2	-44		+17.6	+6.8	+2.5				
Washington .....	3	371,372	142	375	3	315,909	133	364	+1	+55,463	+9	+11		+69.3	+61.2	+2.5				
White .....	1	52,489	187	81	1	31,006	116	271		-21,483	+7	+2		-15.7	-10.6	+19.6				
Will .....	1	1,000,811	253	324	1	946,801	283	271		+54,010	-30	-53		+46.3	+1.4	+7.0				
Williamson .....	20	2,760,767	145	2,315	18	1,899,152	143	2,225	+2	+861,615	+2	+90		+11.1						
Woodford .....	2	96,727	152	314	2	103,260	160	341		-6,533	-8	-27		-6.3	-5.0	-7.9				
Total .....	182	41,410,414	147	40,496	172	38,655,527	147	40,943	+10	+2,754,887		-447		+7.1		-1.1				

TABLE 20—RELATIVE RANK OF COUNTIES, PRODUCING 500,000 TONS OR MORE, 1931-1935.

County.	1935		1934		1933		1932		1931	
	Rank.	Tons.	Rank.	Tons.	Rank.	Tons.	Rank.	Tons.	Rank.	Tons.
Franklin.....	1	7,985,155	1	7,780,162	1	6,703,883	1	7,064,359	1	9,531,560
Christian.....	2	3,910,364	2	3,860,706	2	3,836,292	5	1,855,286	5	2,987,378
Macoupin.....	3	3,677,929	3	3,361,771	3	3,040,290	4	1,930,406	2	3,992,552
Perry.....	4	3,307,806	4	3,019,772	4	2,580,392	2	3,065,944	4	2,990,440
Saline.....	5	3,146,340	5	2,700,687	5	2,479,670	3	2,401,303	6	2,973,465
Williamson.....	6	2,760,767	6	1,899,152	8	1,892,183	7	1,807,728	9	2,165,819
Sangamon.....	7	2,335,381	7	2,195,923	7	1,942,248	9	1,667,479	3	3,352,211
St. Clair.....	8	2,019,250	7	2,043,764	6	2,057,754	6	1,812,940	7	2,778,643
Vermilion.....	9	1,998,000	9	1,675,604	9	1,785,515	8	1,674,828	8	2,540,023
Fulton.....	10	1,926,313	10	1,526,408	13	994,505	11	1,116,524	11	1,398,993
Madison.....	11	1,374,790	12	1,342,513	12	1,154,020	13	909,595	14	1,157,124
Jackson.....	12	1,271,128	11	1,479,068	10	1,179,090	10	1,336,968	10	1,938,141
Peoria.....	13	1,222,500	13	1,253,164	11	1,158,579	16	512,250	13	1,214,567
Will.....	14	1,000,811	14	946,801	14	982,016	12	976,178	15	988,500
Henry.....	15	559,346	15	559,617	16	642,262	14	655,055	16	775,956
Montgomery.....	16	540,929	16	549,671	15	659,084	15	626,674	12	1,255,432
Randolph.....	17	522,885	..	..	..	..	..	..	..	..

TABLE 21—TONS OF COAL PRODUCED, AVERAGE DAYS WORKED, NUMBER OF MINES OPERATED, AND NUMBER EMPLOYED IN ALL SHIPPING MINES, AND ALSO IN STRIP MINES, WITH PERCENTAGES BY YEARS FROM 1920 TO 1935.

Years.	All shipping mines.				Strip mines.				Percentage of strip mines.		
	Number of—		Average days worked.	Tons produced.	Number of—		Average days worked.	Tons produced.	Mines.	Men.	Tons.
	Mines.	Men.			Mines.	Men.					
1920.....	373	85,037	176	72,409,610	3	217	149	367,009	0.08	0.25	0.57
1921.....	389	92,080	174	78,339,082	3	242	183	437,006	0.08	0.26	0.56
1922.....	352	93,681	127	61,406,093	5	446	134	533,923	1.42	0.48	0.87
1923.....	374	99,081	146	73,410,837	6	412	180	895,608	1.60	0.42	1.22
1924.....	338	95,499	139	70,324,363	11	611	155	1,184,288	3.25	0.64	1.68
1925*.....	255	77,629	231	100,012,299	18	1,181	264	4,722,597	7.06	1.52	4.72
1926.....	244	73,497	155	67,836,441	16	1,203	176	3,482,611	6.56	1.64	5.13
1927.....	241	74,117	112	44,926,433	15	1,139	138	2,756,410	6.22	1.54	6.14
1928.....	206	61,154	152	54,284,184	14	1,149	206	4,113,908	6.80	1.88	7.58
1929.....	200	54,721	162	59,075,995	17	1,518	176	5,250,501	8.50	2.77	8.89
1930.....	185	51,215	145	51,996,608	15	1,519	181	6,220,336	8.11	2.97	11.96
1931.....	167	47,024	130	43,073,058	15	1,591	164	6,576,677	8.92	3.38	15.27
1932.....	162	44,078	107	31,402,399	17	1,769	163	6,628,228	10.50	4.00	21.11
1933.....	159	40,660	131	35,390,677	20	1,890	131	5,599,066	12.58	4.65	15.82
1934.....	172	40,943	147	38,655,527	26	2,042	134	6,068,218	15.12	4.99	15.54
1935.....	182	40,496	147	41,410,414	28	2,338	148	7,088,104	15.38	5.77	17.12

\* From July 1, 1924 to December 31, 1925.

TABLE 22—SHIPPING MINES DIVIDING WORKING TIME.

Name of operator.	County in which mine is located.	Employees.		Tons mined.	Days worked.
		Working.	On payroll.		
Bell & Zoller Coal Co., No. 1	Franklin	554	620	1,209,929	206
Bell & Zoller Coal Co., No. 2	Franklin	649	883	635,932	131
Consolidated Coal Co. of St. Louis, No. 7	Macoupin	112	275	106,317	168
Consolidated Coal Co. of St. Louis, No. 7	Williamson	328	370	574,630	166
Consolidated Coal Co. of St. Louis, No. 15	Macoupin	399	520	722,832	200
Coulterville Coal Co.	Perry	138	176	46,067	70
Franklin County Coal Co., Inc., No. 5	Franklin	430	570	487,803	183
Franklin County Coal Co., Inc., No. 7	Franklin	446	575	505,910	157
Gillespie Coal Co.	Macoupin	187	222	268,349	231
Hillsboro Coal Co.	Montgomery	156	239	170,571	227
Illmo Coal Co.	Randolph	25	30	13,740	137
Indiana & Illinois Coal Corp., No. 10	Montgomery	380	535	370,358	137
Illinois Pechontas Coal Co.	Bond	170	187	84,355	100
The Livingston & Mt. Olive Coal Co., No. 1	Madison	242	343	189,028	138
Lumaghi Coal Co., No. 2	Madison	353	387	384,062	169
Midland Electric Coal Corp., No. 1	Henry	100	122	476,973	298
Mount Olive Coal Co.	Macoupin	90	165	100,009	203
Mt. Olive & Staunton Coal Co., No. 2	Madison	396	533	554,791	195
Peabody Coal Co., No. 47	Saline	814	876	614,487	144
Peabody Coal Co., No. 59	Sangamon	370	380	363,037	168
Perry Coal Co., "St. Ellen"	St. Clair	191	234	306,122	239
Rex Coal Co., No. 2	Saline	320	338	356,788	182
St. Louis Coal Co.	Randolph	181	227	200,972	185
Superior Coal Co., No. 1	Macoupin	440	544	595,452	217
Superior Coal Co., No. 2	Macoupin	470	618	682,310	219
Superior Coal Co., No. 3	Macoupin	504	665	762,528	231
Superior Coal Co., No. 4	Macoupin	293	375	369,943	225
United States Fuel Co., "Bun"	Vermilion	1,142	1,510	1,044,440	191
Total 1935, 28 mines		9,880	12,519	12,197,735	183(a)
Total 1934, 35 mines		11,240	14,139	11,867,008	161(a)

(a) Average.

TABLE 23—GRADED OUTPUT OF SHIPPING MINES BY COUNTIES IN EACH DISTRICT, WITH DISTRICT TOTALS, AND LOCAL MINES FOR THE STATE.

County.	Classification of output of mines in tons.										Total.
	Lump.	Furnace.	Small Egg.	Stove.	Chestnut.	Pea coal.	Carbon.	Screenings.	Mine run.	Waste and loss in preparing.	
First District totals.....	295,761	291,088	299,466	70,229	130,860	2,625	35,208	645,888	141,335	18,203	1,930,673
Bureau.....	25,587	4,201	.....	.....	5,666	2,172	.....	4,357	.....	56	42,129
Henry.....	38,685	29,639	158,710	49,220	18,634	.....	10,956	202,592	46,140	4,770	539,346
LaSalle.....	80,105	48,177	.....	8,535	10,063	.....	.....	72,968	25,775	1,650	247,263
Putnam.....	23,836	33,852	.....	.....	.....	.....	.....	11,294	915	11,727	81,124
Will.....	128,048	175,129	140,736	12,484	96,507	453	24,252	354,577	68,505	.....	1,000,811
Second District totals.....	227,901	71,125	27,183	13,335	.....	1,542	2,137	273,222	842,065	1,536	1,400,046
Peoria.....	115,528	54,415	20,694	5,990	.....	.....	2,137	194,039	827,381	1,416	1,222,500
Tazewell.....	60,811	2,981	3,656	.....	.....	.....	.....	58,694	14,557	120	140,819
Woodford.....	51,562	13,729	2,833	7,345	.....	1,512	.....	19,589	127	.....	96,727
Third District totals.....	212,356	344,964	452,183	154,533	38,953	15,735	34,280	705,387	237,650	19,852	2,215,893
Fulton.....	179,223	312,796	452,183	154,533	38,953	15,735	34,280	655,555	64,413	18,642	1,926,313
Knox.....	33,133	32,168	.....	.....	.....	.....	.....	49,832	173,237	1,210	289,580
Fourth District totals.....	837,405	1,476,277	544,122	98,954	18,607	38,531	80,093	2,833,309	299,089	22,357	6,245,745
Christian.....	400,348	992,541	410,390	6,953	.....	2,464	.....	1,985,153	110,648	1,867	3,910,364
Sangamon.....	437,057	483,736	133,733	89,001	18,607	36,067	80,093	848,156	188,441	20,490	2,335,381
Fifth District totals.....	147,694	338,062	93,306	804	15,376	544	205	537,238	714,429	2,451	1,850,109
Macon.....	49,524	36,896	.....	.....	.....	.....	.....	.....	29,026	1,342	174,859
Vermilion.....	98,170	301,166	93,306	804	14,263	544	205	493,430	685,403	1,109	1,675,250
Sixth District totals.....	2,302,734	270,099	111,092	67,873	44,412	59,277	81,145	834,136	386,497	68,772	4,226,037
Macoupin.....	2,194,518	201,435	36,328	4,338	44,412	59,277	81,145	623,088	367,041	66,347	3,677,959
Montgomery.....	105,847	67,085	74,764	62,099	.....	.....	.....	209,253	19,456	2,425	540,959
Shelby.....	2,369	1,579	.....	1,436	.....	.....	.....	1,795	.....	.....	7,179

Seventh District totals	348,437	409,064	175,607	75,003	23,224	20,984	39,329	625,714	53,154	30,785	1,801,301
Bond	23,225	29,740						30,575		815	84,355
Madison	276,899	321,490	146,903	70,113	23,224	20,984	39,329	457,602	11,229	7,017	1,374,790
Marion	48,313	57,834	28,704	4,890				137,537	41,925	22,953	342,156
Eighth District totals	559,664	442,031	85,314	117,787	5,718	10,146	5,840	786,441	224,180	25,547	2,262,668
Clinton	80,356	54,233		7,820				100,796	209		243,418
St. Clair	479,308	387,798	85,314	109,967	5,718	10,142	5,840	685,645	223,971	25,547	2,019,250
Ninth District totals	988,158	733,495	434,719	288,877	51,484	35,723	53,564	1,483,165	1,613,461	90,545	5,473,191
Jackson	132,909	217,390	93,837	151,637	8,128	1,037	12,845	548,458	93,876	11,011	1,271,128
Perry	450,426	436,129	309,667	106,035	15,567	9,025	15,085	837,606	1,062,019	66,247	3,307,806
Randolph	70,118	55,580	31,215	21,837	25,664	23,866	25,634	14,350	246,625	7,996	522,885
Washington	34,705	24,396		9,368	2,125	1,795		82,751	210,941	5,291	371,372
Tenth District totals	932,460	1,451,449	833,287	417,826	263,467	109,069	811,574	2,716,604	325,896	123,523	7,985,155
Franklin	932,460	1,451,449	833,287	417,826	263,467	109,069	811,574	2,716,604	325,896	123,523	7,985,155
Eleventh District totals	420,102	595,147	431,010	173,265	94,584	47,652	117,493	1,080,819	195,059	43,698	3,198,329
Sabine	412,546	587,276	431,010	166,428	94,584	47,170	117,493	1,055,086	193,369	41,378	3,146,340
White	7,556	7,871		6,837		482		25,733	1,690	2,320	52,489
Twelfth District totals	340,244	415,983	332,142	48,615	13,526	7,045	133,015	1,132,021	278,840	59,336	2,760,767
Williamson	340,244	415,983	332,142	48,615	13,526	7,045	133,015	1,132,021	278,840	59,336	2,760,767
Shipping mines	7,312,916	6,838,784	3,819,432	1,524,111	700,211	348,873	1,393,883	13,653,944	5,311,655	506,605	41,410,414
Local mines									3,568,859	34,005	3,602,864
The State	7,312,916	6,838,784	3,819,432	1,524,111	700,211	348,873	1,393,883	13,653,944	8,880,514	540,610	45,013,278

TABLE 24—DISPOSITION OF OUTPUT OF SHIPPING MINES BY COUNTIES IN EACH DISTRICT, WITH DISTRICT TOTALS, AND LOCAL MINES FOR THE STATE.

County.	Disposition of output—tons.										
	Total tons mined.	Tons loaded on cars for shipments.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.	Tons consumed at the mine.	All coal not sold including waste.	Tons handled by railroads.	Tons disposed of locally.	Percentage of tonnage handled.	
										By railroads.	Locally.
First District totals	1,930,673	1,195,619	281,595	700	417,055	17,302	18,402	1,477,914	452,759	76.5	23.5
Bureau	42,129	1,348			37,278	3,248	255	1,348	40,781	3.2	96.8
Henry	559,346	449,403	47,678		48,871	8,624	4,770	497,081	62,265	88.9	11.1
La Salle	247,263	91,038	1,377		152,548	6,590	1,650	92,415	154,848	37.4	62.6
Pulnam	81,124	32,324		700	14,646	1,727	11,727	33,024	28,100	65.4	34.6
Will	1,000,811	601,506	232,540		163,712	3,053		834,046	166,765	83.3	16.7
Second District totals	1,460,046	285,736	955,824		210,282	6,668	1,536	1,241,500	218,486	85.0	15.0
Peoria	1,222,500	201,676	935,155		83,569	684	1,416	1,136,831	85,669	93.0	7.0
Tazewell	140,819	48,477	20,561		71,411	2,950	120	69,038	71,781	49.0	51.0
Woodford	96,727	35,583	108		55,302	5,734		35,691	61,036	36.9	63.1
Third District totals	2,215,893	1,499,806	542,851		144,317	9,067	19,852	2,042,657	173,236	92.2	7.8
Fulton	1,926,313	1,477,377	331,371		90,706	8,217	18,642	1,808,748	117,565	93.9	6.1
Knox	289,580	22,429	211,480		53,611	850	1,210	233,909	55,671	80.8	19.2
Fourth District totals	6,245,745	4,698,907	1,037,147	16,495	426,964	44,928	21,304	5,752,549	493,196	92.1	7.9
Christian	3,910,364	3,287,815	456,196	15,788	122,646	24,277	3,642	3,759,799	150,565	96.2	3.8
Saugamon	2,335,381	1,411,092	580,951	707	304,318	20,651	17,662	1,992,750	342,631	85.3	14.7
Fifth District totals	1,850,109	1,049,304	567,664	2,312	214,674	12,487	3,668	1,619,280	230,829	87.5	12.5
Macon	174,859	50,531			121,088	3,240		50,531	124,328	28.9	71.1
Vermilion	1,675,250	998,773	567,664	2,312	93,586	9,247	3,668	1,568,749	106,501	93.6	6.4
Sixth District totals	4,226,037	1,097,031	2,792,058	11,714	148,990	131,954	44,270	3,900,853	325,184	92.3	7.7
Macon	3,677,929	784,417	2,617,055	11,714	104,585	118,428	41,730	3,413,186	264,743	92.8	7.2
Montgomery	546,928	312,384	175,003		38,991	12,126	2,425	487,387	53,542	90.1	9.9
Shelby	7,179	280			3,384	1,400	115	280	6,899	3.9	96.1

Seventh District totals	1,801,301	1,214,209	187,677	308,305	72,214	18,896	1,401,886	399,415	77.8	22.2
Bond	84,355	42,456	22,855	15,620	2,609	815	65,341	19,044	77.5	22.5
Madison	1,374,790	990,533	73,163	254,879	48,430	7,785	1,063,696	311,094	77.4	22.6
Marion	342,156	181,226	91,659	37,806	21,175	10,296	272,879	69,277	79.8	20.2
Eighth District totals	2,262,668	1,002,005	310,001	836,993	73,709	20,941	1,331,025	931,643	58.8	41.2
Clinton	243,418	129,692	664	98,375	12,929	1,758	130,356	113,062	53.6	46.4
St. Clair	2,019,250	872,313	309,337	738,618	60,780	19,183	1,200,669	818,581	59.5	40.5
Ninth District totals	5,473,191	2,953,054	1,962,691	348,646	68,442	89,580	4,966,523	506,668	90.8	9.2
Jackson	1,271,128	945,366	308,326	3,817	2,608	11,011	1,253,692	17,436	98.6	1.4
Perry	3,307,806	1,720,691	1,211,674	251,373	35,016	65,053	2,935,770	352,036	89.4	10.6
Randolph	522,885	185,800	260,243	56,024	12,822	7,996	416,043	76,842	85.3	14.7
Washington	371,372	101,197	182,448	37,232	18,002	5,120	311,018	60,354	83.7	16.3
Tenth District totals	7,985,155	5,087,354	2,443,883	79,694	100,185	274,039	7,531,237	453,918	94.3	5.7
Franklin	7,985,155	5,087,354	2,443,883	79,694	100,185	274,039	7,531,237	453,918	94.3	5.7
Eleventh District totals	3,198,829	2,443,802	569,563	81,675	60,091	43,698	3,013,365	185,464	94.2	5.8
Saline	3,146,340	2,416,139	569,563	62,972	56,288	41,378	2,985,702	160,638	94.9	5.1
White	52,489	27,663	18,703	18,703	3,803	2,320	27,663	24,826	52.7	47.3
Twelfth District totals	2,760,767	1,755,723	809,608	83,066	45,019	67,351	2,565,331	195,436	92.9	7.1
Williamson	2,760,767	1,755,723	809,608	83,066	45,019	67,351	2,565,331	195,436	92.9	7.1
Shipping mines	41,410,414	24,282,600	12,460,562	3,300,631	642,066	623,537	36,844,180	4,566,234	89.0	11.0
Local mines	3,602,864			3,327,747	241,112	34,005		3,602,864		100.0
The State	45,013,278	24,282,600	12,460,562	6,628,378	883,178	657,542	36,844,180	8,169,098	81.9	18.1

TABLE 25.—TONS MINED FOR THE YEARS 1926-1935, INCLUSIVE, ARRANGED BY DISTRICTS AND BY COUNTIES  
ALPHABETICALLY WITHIN EACH DISTRICT.

	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935
Bureau County.....	380,428	119,052	5,009	8,175	13,324	10,973	16,632	18,268	31,851	59,688
Shipping mines.....	369,970	111,208		3,019	6,084					42,129
Local mines.....	10,458	7,844	5,009	5,156	7,240	10,973	16,632	18,268	31,851	17,559
Grundy County.....	444,245	241,099	459,876	410,442	101,776	32,564	68,791	127,167	138,455	130,907
Shipping mines.....	441,750	227,511	433,296	380,353	73,046					
Local mines.....	2,495	13,588	26,610	30,089	28,730	32,564	68,791	127,167	138,455	130,907
Henry County.....	165,465	85,625	34,269	86,263	504,761	775,956	745,982	744,313	664,858	682,502
Shipping mines.....	135,738	46,616		48,000	442,322	696,554	655,055	642,262	559,617	559,346
Local mines.....	29,727	39,009	34,269	37,663	62,439	79,402	90,927	102,051	105,241	123,156
Kankakee County.....					800					
Shipping mines.....										
Local mines.....					800					
La Salle County.....	652,726	444,253	418,298	548,257	326,341	316,035	356,879	352,735	334,465	437,541
Shipping mines.....	401,546	192,716	206,557	334,773	155,795	170,324	132,155	198,290	180,807	247,263
Local mines.....	251,180	251,537	211,741	213,484	170,546	145,711	224,724	154,445	154,658	190,278
Livingston County.....	28,185	22,142	27,804	26,638	24,351	23,830	31,970	29,569	25,724	21,564
Shipping mines.....										
Local mines.....	28,185	22,142	27,804	26,638	24,351	23,830	31,970	29,569	25,724	21,564
Mercer County.....	93,672	72,596	30,159	27,936	23,744	21,796	32,403	41,154	40,354	34,294
Shipping mines.....	68,376	36,445		27,936	23,744	21,796	32,403	41,154	40,354	34,294
Local mines.....	25,296	36,154	30,159							
Putnam County.....					2,873	13,387	104,555	68,953	80,913	81,124
Shipping mines.....						13,387	104,555	68,953	80,913	81,124
Local mines.....					2,873					

Rock Island County	20,046	32,455	21,732	18,670	17,345	34,774	47,775	67,887	78,298	74,226
Shipping mines										
Local mines	20,046	32,455	21,732	18,670	17,345	34,774	47,775	67,887	78,298	74,226
Will County	18,807	17,672	234,920	701,280	865,666	988,500	976,178	982,016	968,951	1,068,581
Shipping mines										
Local mines	18,807	17,672	226,368	701,280	865,666	988,500	976,178	982,016	946,801	1,000,811
			8,552						22,150	67,770
First District totals	1,803,574	1,034,807	1,232,067	1,827,661	1,880,981	2,217,815	2,381,165	2,432,062	2,353,869	2,580,427
Shipping mines	1,417,380	614,496	866,191	1,468,025	1,542,913	1,868,765	1,867,943	1,801,521	1,777,138	1,930,673
Local mines	386,194	420,401	365,876	359,636	338,068	349,050	513,222	540,541	576,731	659,754
Marshall County	7,678	20,127	19,693	13,205	7,796	6,128	11,640	13,623	12,722	12,046
Shipping mines										
Local mines	7,678	20,127	19,693	13,205	7,796	6,128	11,640	13,623	12,722	12,046
McLean County	22,480	16,806	8,951							
Shipping mines										
Local mines	22,480	16,806	8,951							
Peoria County	1,164,312	945,495	1,505,782	1,636,697	967,745	1,214,567	749,358	1,443,261	1,536,550	1,532,648
Shipping mines	931,485	743,853	1,289,091	1,294,065	755,067	1,030,832	512,250	1,158,579	1,253,164	1,222,500
Local mines	232,827	201,642	216,691	342,632	192,678	183,735	236,108	284,682	283,386	310,148
Stark County	6,976	10,253	8,512	12,197	14,051	8,754	12,082	15,801	20,842	18,180
Shipping mines										
Local mines	6,976	10,253	8,512	12,197	14,051	8,754	12,082	15,801	20,842	18,180
Tazewell County	361,468	435,454	577,262	509,480	437,791	343,221	395,611	325,668	328,142	286,822
Shipping mines	319,581	384,975	512,109	422,647	337,662	251,344	273,664	219,069	212,515	180,819
Local mines	41,887	50,479	65,153	86,833	100,129	91,877	121,947	106,599	115,627	146,003
Woodford County	99,597	76,665	68,640	64,335	68,925	48,447	67,387	98,082	103,260	96,727
Shipping mines										
Local mines	99,597	76,665	68,640	64,335	68,925	48,447	67,387	98,082	103,260	96,727
Second District totals	1,662,511	1,504,860	2,188,840	2,235,914	1,496,308	1,621,117	1,235,078	1,896,435	2,001,516	1,946,423
Shipping mines	1,350,663	1,205,493	1,869,840	1,781,047	1,181,654	1,330,623	853,301	1,475,730	1,568,939	1,400,046
Local mines	311,848	299,367	319,000	454,867	314,654	290,494	381,777	420,705	432,577	486,377

TABLE 25—Continued.

	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935
Adams County.....	1,568	240	68						64	412
Shipping mines.....										
Local mines.....	1,568	240	68						64	412*
Brown County.....									3,052	1,050
Shipping mines.....										
Local mines.....									3,052	1,050
Fulton County.....	1,852,022	1,633,925	1,708,405	1,729,145	1,634,772	1,398,903	1,385,613	1,312,989	1,693,249	2,169,839
Shipping mines.....	1,661,225	1,375,691	1,532,373	1,558,217	1,474,002	1,229,481	1,116,524	994,505	1,526,408	1,926,313
Local mines.....	190,797	258,234	176,032	170,928	160,770	169,512	269,089	318,484	166,841	243,526
Hancock County.....	1,383	2,225	6,076	5,941	3,836	3,135	4,783	3,928	2,748	5,279
Shipping mines.....										
Local mines.....	1,383	2,225	6,076	5,941	3,836	3,135	4,783	3,928	2,748	5,279
Knox County.....	51,171	133,667	145,466	217,886	341,889	340,797	296,538	417,607	387,562	384,269
Shipping mines.....	24,178	104,197	123,024	191,821	294,517	290,581	238,722	295,536	311,751	289,580
Local mines.....	26,993	29,470	22,442	26,065	47,372	50,216	57,816	122,071	75,811	94,689
McDonough County.....	18,372	15,866	11,185	9,034	8,867	11,836	27,357	14,775	10,072	8,062
Shipping mines.....										
Local mines.....	18,372	15,866	11,185	9,034	8,867	11,836	27,357	14,775	10,072	8,062
Schuyler County.....	17,510	21,652	23,871	23,189	25,864	35,568	34,037	32,811	50,897	72,514
Shipping mines.....										
Local mines.....	17,510	21,652	23,871	23,189	25,864	35,568	34,037	32,811	50,897	72,514
Warren County.....	4,372	6,071	9,359	5,297	5,482	4,672	6,977	7,791	8,077	7,483
Shipping mines.....										
Local mines.....	4,372	6,071	9,359	5,297	5,482	4,672	6,977	7,791	8,077	7,483

Third District totals	1,946,398	1,813,646	1,904,430	1,990,512	2,020,710	1,795,001	1,755,305	1,789,901	2,156,321	2,649,508
Shipping mines	1,685,403	1,479,888	1,655,397	1,750,038	1,768,519	1,520,062	1,355,246	1,290,041	1,838,159	2,215,893
Local mines	260,995	333,758	249,033	240,474	252,191	274,939	400,059	499,860	318,162	433,615
Cass County	2,371	1,528	886	500	755	.....	1,240	812	1,758	2,259
Shipping mines	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Local mines	2,371	1,528	886	500	755	.....	1,240	812	1,758	2,259
Christian County	4,295,495	2,707,681	3,604,472	3,655,022	3,635,976	2,987,378	1,844,735	3,840,792	3,866,706	3,914,908
Shipping mines	4,293,635	2,707,681	3,604,472	3,655,022	3,635,976	2,981,000	1,835,286	3,836,292	3,860,706	3,910,364
Local mines	1,800	.....	.....	.....	6,378	.....	9,449	4,500	6,000	4,544
Logan County	222,351	150,617	146,473	137,234	130,350	114,519	94,504	28,122	.....	.....
Shipping mines	222,351	150,617	146,473	137,234	130,350	114,519	94,504	28,122	.....	.....
Local mines	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Menard County	56,387	80,249	80,547	83,445	99,573	89,215	96,007	79,354	105,972	136,184
Shipping mines	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Local mines	56,387	80,249	80,547	83,445	99,573	89,215	96,007	79,354	105,972	136,184
Morgan County	240	598	1,729	720	300	1,086	2,253	2,175	765	517
Shipping mines	240	598	1,729	720	300	1,086	2,253	2,175	765	517
Local mines	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pike County	.....	140	943	500	.....	1,130	2,160	.....	.....	.....
Shipping mines	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Local mines	.....	140	943	500	.....	1,130	2,160	.....	.....	.....
Sangamon County	5,476,167	3,119,517	3,739,423	4,275,675	3,700,419	3,352,211	1,821,826	2,081,211	2,343,288	2,518,608
Shipping mines	5,406,963	3,036,773	3,644,832	4,160,197	3,577,046	3,218,458	1,667,479	1,942,248	2,195,923	2,335,381
Local mines	69,204	82,744	94,591	115,478	123,373	133,753	154,347	138,963	147,365	183,227
Scott County	3,053	1,696	2,113	2,929	1,408	1,609	4,492	1,317	4,955	5,382
Shipping mines	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Local mines	3,053	1,696	2,113	2,929	1,408	1,609	4,492	1,317	4,955	5,382
Fourth District totals	10,056,064	6,062,026	7,576,586	8,156,025	7,568,781	6,547,128	3,867,217	6,033,783	6,323,444	6,577,858
Shipping mines	9,922,949	5,895,071	7,395,777	7,932,453	7,343,372	6,313,977	3,597,269	5,806,662	6,056,629	6,245,745
Local mines	133,115	166,955	180,809	203,572	225,409	233,151	269,948	227,121	266,815	332,113





TABLE 25—Continued.

	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935
Monroe County	541	553	77				4,232	505	444	602
Shipping mines										
Local mines	541	553	77				4,232	505	444	602
St. Clair County	3,427,422	3,083,070	2,955,266	2,803,441	2,447,784	2,778,643	2,166,309	2,431,681	2,508,219	2,496,287
Shipping mines	3,219,962	2,893,267	2,754,277	2,587,572	2,142,740	2,430,146	1,812,940	2,037,754	2,043,764	2,019,250
Local mines	207,460	189,803	200,989	215,869	305,044	348,497	353,369	373,927	464,455	477,037
Eighth District totals	4,228,490	3,666,702	3,463,455	3,346,284	2,812,551	2,962,150	2,263,436	2,644,410	2,792,913	2,740,307
Shipping mines	3,219,962	2,893,267	2,754,277	2,587,572	2,142,740	2,430,146	1,812,940	2,037,754	2,043,764	2,262,668
Local mines	208,001	190,356	201,066	215,869	305,044	348,497	357,601	374,432	464,899	477,639
Jackson County	1,794,831	1,007,299	904,194	1,576,752	2,054,836	1,938,141	1,391,403	1,234,189	1,525,513	1,336,558
Shipping mines	1,748,354	962,868	838,797	1,528,044	2,003,806	1,892,008	1,336,968	1,179,090	1,479,068	1,271,128
Local mines	46,477	44,431	65,397	48,708	51,030	46,133	54,435	55,099	46,445	65,430
Perry County	2,327,290	1,641,691	2,237,661	2,940,513	3,309,648	2,990,440	3,086,628	2,602,398	3,038,966	3,330,250
Shipping mines	2,308,203	1,626,041	2,224,360	2,923,936	3,297,842	2,973,148	3,065,944	2,580,392	3,019,772	3,307,806
Local mines	19,087	15,650	13,301	16,577	11,806	17,292	20,584	22,006	19,194	22,444
Randolph County	1,013,687	662,559	638,584	564,984	443,195	469,188	237,509	396,843	477,330	568,892
Shipping mines	976,560	613,484	596,036	519,289	399,775	436,289	195,599	356,552	435,196	522,885
Local mines	37,127	49,075	42,548	45,695	43,420	42,899	41,910	40,291	42,134	46,007
Washington County	169,233	302,636	501,932	525,632	531,304	384,350	340,327	264,656	320,942	379,082
Shipping mines	164,733	292,159	494,020	518,432	522,324	378,890	333,827	257,805	315,909	371,372
Local mines	4,500	10,477	7,012	7,200	8,980	5,500	6,500	6,851	3,033	7,660
Ninth District totals	5,305,041	3,614,185	4,282,371	5,607,881	6,338,983	5,782,119	5,055,767	4,498,086	5,362,751	5,614,732
Shipping mines	5,197,850	3,494,552	4,154,113	5,489,701	6,223,747	5,670,295	4,932,338	4,373,839	5,249,945	5,473,191
Local mines	107,191	119,633	128,258	118,180	115,236	111,824	123,429	124,247	112,806	141,541

Franklin County.....	15,741,550	10,360,881	14,078,923	14,819,448	11,997,347	9,531,560	7,004,359	6,703,883	7,780,102	7,985,155
Shipping mines.....	15,741,550	10,360,881	14,078,923	14,819,448	11,997,347	9,531,560	7,004,359	6,703,883	7,780,102	7,985,155
Local mines.....										
Jefferson County.....	78,923	45,160							541	957
Shipping mines.....	78,923	45,160								957
Local mines.....										
Tenth District totals.....	15,820,473	10,406,041	14,078,923	14,819,448	11,997,347	9,531,560	7,004,359	6,703,883	7,780,703	7,986,112
Shipping mines.....	15,820,473	10,406,041	14,078,923	14,819,448	11,997,347	9,531,560	7,004,359	6,703,883	7,780,102	7,985,155
Local mines.....									541	957
Gallatin County.....	43,144	65,132	26,858	23,623	21,664	29,152	25,239	37,362	33,656	49,281
Shipping mines.....	15,044	45,281	9,181	9,348	2,350					
Local mines.....	28,100	19,851	17,677	14,275	19,314	29,152	25,239	37,362	33,656	49,281
Pope County.....			100	100	150	250	50	250	200	179
Shipping mines.....										
Local mines.....			100	100	150	250	50	250	200	179
Saline County.....	4,740,946	3,173,201	3,671,157	4,132,043	3,670,144	2,973,465	2,429,707	2,502,088	2,734,233	3,179,930
Shipping mines.....	4,734,358	3,156,096	3,653,026	4,120,143	3,655,452	2,957,019	2,401,303	2,479,670	2,700,687	3,146,340
Local mines.....	6,588	17,105	18,131	11,900	14,692	16,446	28,404	23,018	33,546	33,590
Wabash County.....	5,485	5,607	4,552	6,232	6,602	6,608	10,117	13,370	14,212	15,969
Shipping mines.....	5,485	5,607	4,552	6,232	6,602	6,608	10,117	13,370	14,212	15,969
Local mines.....										
White County.....	15,392	56,191	57,558	34,841	25,423	8,608	27,747	26,483	31,006	52,489
Shipping mines.....	15,392	56,191	57,558	34,841	25,423	8,608	27,747	26,483	31,006	52,489
Local mines.....										
Eleventh District totals.....	4,804,967	3,300,131	3,780,225	4,196,839	3,723,983	3,018,083	2,492,860	2,580,153	2,813,307	3,297,848
Shipping mines.....	4,764,794	3,257,568	3,719,765	4,164,332	3,683,225	2,965,627	2,429,050	2,506,153	2,731,693	3,198,829
Local mines.....	40,173	42,563	40,460	32,507	40,758	52,456	63,810	74,000	81,614	99,019

TABLE 25—Concluded.

	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935
Johnson County										
Shipping mines	1,410	1,910	565	58	2,286	1,690	1,440	1,388	729	180
Local mines	1,410	1,910	565	58	2,286	1,690	1,440	1,388	729	180
Williamson County										
Shipping mines	8,198,354	5,041,593	5,111,894	5,274,804	4,107,573	2,165,819	1,933,638	2,036,247	2,090,090	2,995,624
Local mines	8,149,328	5,001,872	5,126,741	5,223,641	4,033,845	2,090,098	1,807,728	1,892,183	1,899,152	2,760,767
Twelfth District totals	49,026	39,721	55,153	51,163	73,728	75,721	125,910	144,064	190,938	234,857
Shipping mines	8,199,764	5,043,503	5,182,459	5,274,862	4,109,859	2,167,509	1,935,078	2,037,635	2,090,819	2,995,804
Local mines	8,149,328	5,001,872	5,126,741	5,223,641	4,033,845	2,090,098	1,807,728	1,892,183	1,899,152	2,760,767
The State	50,436	41,631	55,718	51,221	76,014	77,411	127,350	145,452	191,667	235,037
Shipping mines	69,813,255	46,949,700	56,211,082	61,127,759	54,035,116	45,152,623	34,120,786	38,320,125	41,724,078	45,013,278
Local mines	67,836,441	44,926,433	54,284,184	59,075,995	51,996,608	43,073,058	31,402,399	35,390,677	38,655,527	41,410,414
	1,976,814	2,023,267	1,926,898	2,051,764	2,038,508	2,079,565	2,718,387	2,929,448	3,068,551	3,602,864

TABLE 26—MINES SERVED BY RAILROADS AND THE INITIALS OF  
ROADS SERVING—ARRANGED BY COUNTIES AND DISTRICTS.

Operators.	Railroads.	Tons shipped.	Tons sold to railroad companies.	Tons supplied to locomotives at the mines.	Total tons handled by railroads.
BUREAU COUNTY		1,348			1,348
Spring Valley Coal Mining Co.	C. & N. W.	659			659
	C. R. I. & P.	689			689
HENRY COUNTY		449,403	47,678		497,081
Midland Electric Coal Corp., No. 1	C. R. I. & P.	401,869	36,653		438,522
	Belt Ry.		6,435		6,435
Shuler Coal Mining Co.	B. M. & N. W.		54		54
	C. B. & Q.	47,534	4,536		52,070
LA SALLE COUNTY		91,038	1,377		92,415
Buffalo Rock Coal Co.	C. R. I. & P.	15,974	1,377		17,351
Union Coal Co.	C. R. I. & P.	57,942			57,942
Wilmington Coal Mines, Inc.	C. R. I. & P.	17,122			17,122
PUTNAM COUNTY		52,324		700	53,024
Prairie State Coal Co.	M. R. & S. W.	52,324		700	53,024
WILL COUNTY		601,506	232,540		834,046
Northern Illinois Coal Corp., No. 10	A. T. & S. F.	299,853	171,324		471,177
	C. & A.	301,653	49,542		351,195
	Belt Ry.		11,674		11,674
Total First District		1,195,619	281,595	700	1,477,914
PEORIA COUNTY		201,676	935,155		1,136,831
Crescent Mining Co., No 1	P. T. Co.	8,018	2,388		10,406
	C. R. I. & P.		390,609		390,609
	P. & P. U.		18,321		18,321
Crescent Mining Co., No. 6	P. T. Co.	121,515	858		122,373
	C. R. I. & P.		421,380		421,380
	P. & P. U.		9,242		9,242
Dorthel Coal Co., No. 1	M. & St. L.	18,286	84,407		102,693
Glenwood Mining Co.	C. B. & Q.	53,857	7,950		61,807
TAZEWELL COUNTY		48,477	20,561		69,038
Lake Erie Mining Co.	P. & P. U.	38,290	20,561		58,851
Ubben Coal Co.	C. C. C. & St. L.	10,187			10,187
WOODFORD COUNTY		35,583	108		35,691
Roanoke Coal & Tile Co.	A. T. & S. F.	5,702	108		5,810
W. G. Sutton	I. C.	29,352			29,352
	A. T. & S. F.	529			529
Total Second District		285,736	955,824		1,241,560
FULTON COUNTY		1,477,377	331,371		1,808,748
D. B. Bayles	T. P. & W.	1,154	5,201		6,355
Blakley Coal Co.	C. B. & Q.	31,764	6,494		38,258
Dorthel Coal Co., No. 2	M. & St. L.	10,018	25,294		35,312
Dorthel Coal Co., No. 3	M. & St. L.	64,489	26,799		91,288
	C. & N. W.		1,013		1,013
	P. & P. U.		3,038		3,038
Golden Rule Coal Co.	M. & St. L.		9,784		9,784
Illinois Colliery Co.	C. B. & Q.	27,022	5,200		32,222
Midland Electric Coal Corp., No. 2	M. & St. L.	473,880	109,366		583,246
Peterson Coal Co.	T. P. & W.	4,823			4,823

TABLE 26—Continued.

Operators.	Railroads.	Tons shipped.	Tons sold to railroad companies.	Tons supplied to locomotives at the mines.	Total tons handled by railroads.
<b>FULTON COUNTY—CONCLUDED</b>					
Pschirrer & Sons.....	T. P. & W.	30,000	21,272		51,272
	C. B. & Q.	2,000			2,000
Read, E. A., Coal Co.....	T. P. & W.	5,460			5,460
Swords, Geo., Coal Co.....	T. P. & W.	720	1,700		2,420
Truax-Traer Coal Co., No. 1.....	C. B. & Q.	399,432	36,996		436,428
	Belt Ry.		7,200		7,200
	C. R. I. & P.		7,567		7,567
Truax-Traer Coal Co., No. 2.....	C. B. & Q.	66,781	12,292		79,073
	M. & St. L.		5,973		5,973
	Belt Ry.		424		424
United Electric Coal Co., No. 9.....	C. B. & Q.	359,834	45,758		405,592
<b>KNOX COUNTY</b>					
		22,429	211,480		233,909
Galesburg Mining Co.....	A. T. & S. F.	22,429	211,480		233,909
Total Third District.....		1,499,806	542,851		2,042,657
<b>CHRISTIAN COUNTY</b>					
		3,287,815	456,196	15,788	3,759,799
Pana Coal Co.....	I. C.	35,566	2,956	15,788	54,310
	B. & O.	1,156			1,156
	C. C. C. & St. L.	796			796
	C. & E. I.	40			40
Peabody Coal Co., No. 7.....	C. & I. M.	795,131	57,555		1,032,686
Peabody Coal Co., No. 8.....	C. & I. M.	886,859	108,802		995,661
Peabody Coal Co., No. 9.....	C. & I. M.	765,707	110,079		875,786
Peabody Coal Co., No. 58.....	C. & I. M.	401,083			401,083
	Wabash	170,182	173,478		343,660
Penwell Coal Mining Co.....	I. C.	48,488	3,316		51,804
	B. & O.	2,669			2,669
	C. C. C. & St. L.	138			138
<b>SANGAMON COUNTY</b>					
		1,411,092	580,951	707	1,992,750
Central Illinois Coal Mining Co.....	C. S. & St. L.	127,237	170,640		297,877
Jefferson Coal Mining Co., No. 81.....	C. & A.	30,269			30,269
Mid State Coal Co., No. 81.....	C. & A.	5,987	4,546		10,533
	B. & O.	1,795			1,795
	C. & I. M.	10,901			10,901
	C. S. & St. L.	36			36
	I. C.	1,570			1,570
	I. T. R. R.	507	146		653
	Wabash	232			232
Mine B, Coal Co.....	C. S. & St. L.	36,855	4,950		41,805
	C. & A.	40,103	43,050		83,153
	Wabash	30,701	58,436		89,137
Panther Creek Mines, Inc., No. 4.....	C. & A.	89,717	34,070		123,787
	B. & O.	7,350			7,350
	Wabash	21,747	25,817		47,564
	I. C.	17,581			17,581
	C. & I. M.	36,720			36,720
	C. S. & St. L.	2,970			2,970
	I. T. R. R.	7,628			7,628
Panther Creek Mines, Inc., No. 5.....	C. & A.	73,647	61,233		134,880
	I. C.	13,675	123		13,798
	Wabash	14,955	20,789		35,744
	C. & I. M.	24,194			24,194
	I. T. R. R.	5,212			5,212
	B. & O.	2,649			2,649
	C. S. & St. L.	1,044			1,044
Peabody Coal Co., No. 53.....	Wabash	95,032	53,320		148,352
	C. & A.	23,532	4,681		28,213
	I. C.	6,761			6,761
	B. & O.	307			307
	C. & I. M.	81,663			81,663
	I. T. R. R.	9,777			9,777
	C. S. & St. L.	620			620

TABLE 26—Continued.

Operators.	Railroads.	Tons shipped.	Tons sold to railroad companies.	Tons supplied to locomotives at the mines.	Total tons handled by railroads.
<b>SANGAMON COUNTY—CONCLUDED</b>					
Peabody Coal Co., No. 57.....	I. C. ....	124,431	198		124,629
	B. & O. ....	33,850	17,520		51,370
	I. T. R. R. ....	60,849			60,849
Peabody Coal Co., No. 59.....	S. T. R. R. ....	303,166	30,555	707	334,428
Sangamon Coal Co., No. 2.....	C. & A. ....	32,872	22,796		55,668
	Belt Ry. of Chicago.....		1,323		1,323
	C. & I. M. ....	9,466	554		10,020
	I. C. ....	16,478	9,114		25,592
	Wabash.....	7,006	17,090		24,096
Total Fourth District.....		4,698,907	1,037,147	16,495	5,752,549
<b>MACON COUNTY</b>					
Macon County Coal Co.....	I. C. ....	50,531			50,531
<b>VERMILION COUNTY</b>					
F. C. Morgan Coal Co.....	P. & E. ....	18,672	3,064		21,736
Peabody Coal Co., No. 24.....	I. T. R. R. ....	1,035			1,035
	C. & E. I. ....	158,690			158,690
	C. C. C. & St. L. ....	68,999	213,244		282,243
Coal Strip, No. 2.....	I. T. R. R. ....	36,026			36,026
J. G. Skelton Coal Co.....	I. T. R. R. ....	496			496
Tilton Mining Co.....	Wabash.....	17,957	20,863		38,820
United States Fuel Co., "Bun".....	E. J. & E. ....	696,898	330,493	2,312	1,029,703
Total Fifth District.....		1,049,304	567,664	2,312	1,619,280
<b>MACOUPIN COUNTY</b>					
Consolidated Coal Co., No. 7.....	Wabash.....	60,609	25,035		85,644
	L. & M. ....	83			83
Consolidated Coal Co., No. 15.....	Wabash.....	433,208	224,460		657,668
Gillespie Coal Co., No. 15.....	I. T. R. R. ....	252,570			252,570
Mt. Olive Coal Co.....	I. C. ....	26,631	23,952	11,714	62,297
South Mine Coal Co.....	I. T. R. R. ....	500			500
Superior Coal Co., No. 1.....	C. & N. W. ....		578,381		578,381
Superior Coal Co., No. 2.....	C. & N. W. ....		661,452		661,452
Superior Coal Co., No. 3.....	C. & N. W. ....		734,151		734,151
Superior Coal Co., No. 4.....	C. & N. W. ....		353,433		353,433
Virden Coal Co.....	C. & A. ....	9,791	16,191		25,982
	C. B. & Q. ....	1,025			1,025
<b>MONTGOMERY COUNTY</b>					
Hillsboro Coal Co.....	C. C. C. & St. L. ....	86,808	32,195		119,003
Indiana & Illinois Coal Corp., No. 10.....	C. C. C. & St. L. ....	175,747	90,408		266,155
	C. & E. I. ....	49,829	52,400		102,229
<b>SHELBY COUNTY</b>					
Erie Sootless Coal Co.....	I. C. ....	280			280
Total Sixth District.....		1,097,081	2,792,058	11,714	3,900,853
<b>BOND COUNTY</b>					
Illinois-Pocahontas Coal Co.....	P. R. R. ....	42,456	22,855		65,311
		42,456	22,855		65,311

TABLE 26—Continued.

Operators.	Railroads.	Tons shipped.	Tons sold to railroad companies.	Tons supplied to locomotives at the mines.	Total tons handled by railroads.
MADISON COUNTY.....		990,533	73,163		1,063,696
Bullock Mining Co.....	P. R. R.	6,575			6,575
Chicopee Coal Co.....	I. T. R.	2,228			2,228
Livingston-Mt. Olive Coal Co., No. 1.....	C. C. C. & St. L.	72,614	23,891		96,505
	C. & E. I.	20,355	9,390		29,745
	Belt Ry. of Chicago.....		1,448		1,448
	C. G. W.		1,992		1,992
	St. L. & S. F.		518		518
Lumaghi Coal Co., No. 2.....	P. R. R.	253,410	9,069		262,479
	I. T. R. R.		140		140
Madison County Coal & Mining Co.....	I. T. R. R.	121,905	5,115		127,020
Mt. Olive & Staunton Coal Co.....	L. & M.	511,726	21,600		533,326
Stiers Bros. Construction Co.....	C. C. C. & St. L.	1,720			1,720
MARION COUNTY.....		181,220	91,659		272,879
Marion County Coal Co.....	I. C.	77,821	19,952		97,773
	C. B. & Q.	90,199	38,105		128,304
Odin Coal Co.....	I. C.	13,200	33,602		46,802
Total Seventh District.....		1,214,209	187,677		1,401,886
CLINTON COUNTY.....		129,692	664		130,356
Beckemeyer Coal Co.....	B. & O.	20,709			20,709
Citizens Coal Co.....	B. & O.	38,060			38,060
Southern Coal, Coke & Mining Co., No. 9.....	Southern	70,923	489		71,412
	C. R. I. & P.		175		175
ST. CLAIR COUNTY.....		872,313	309,337	19,019	1,200,669
Freeburg Coal Co.....	I. C.	7,201			7,201
Gill Coal Corp.....	I. C.	40,898	2,087		42,985
Golden Rule Coal Co.....	I. C.	48,450	16,806		65,256
Groom Coal Co.....	I. C.	15,794		15,920	31,714
Gundlach Coal Co.....	Caseyville, R. R.	79,891	57,173	1,773	138,837
Lenzburg Coal Co.....	I. C.	36,977	3,655		40,632
Mulberry Hill Coal Co.....	I. C.	7,343			7,343
O. K. Coal Co.....	I. C.	58,191	8,629		66,820
	St. L. & S. F.		1,109		1,109
	A. & S.		1,017		1,017
Perry Coal Co., "Carbon".....	B. & O.	10,242	40,670		50,912
Perry Coal Co., "St. Ellen".....	I. T. R. R.	143,947	19,332		163,279
Prairie Coal Co.....	I. T. R. R.	35,072			35,072
Quality Coal & Mining Co.....	St. L. B. & E.	1,739			1,739
St. Louis & O'Fallon Coal Co., No. 2.....	St. L. & O'Fallon	183,739	138,154	1,326	323,219
Service Coal Co.....	L. & N.	5,436			5,436
Southern Coal, Coke & Mining Co., No. 6.....	Southern	20,329	343		20,672
Southern Coal, Coke & Mining Co., No. 7.....	Southern	122,412	4,687		127,099
Vinegar Hill Coal Co.....	I. C.	54,252	15,675		69,927
White Coal Co.....	L. & N.	400			400
Total Eighth District.....		1,002,005	310,001	19,019	1,331,025
JACKSON COUNTY.....		945,366	308,326		1,253,692
Peacock Coal Co.....	Mo. Pac.	3,002			3,002
Truax-Traer Coal Co., No. 1.....	I. C.	146,387	55,650		202,037
Truax-Traer Coal Co., No. 2.....	I. C.	191,009	62,901		253,910
	Mo. Pac.	108,406	97,472		205,878
Union Colliery Co.....	I. C.	496,562	92,303		588,865

TABLE 26—Continued.

Operators.	Railroads.	Tons shipped.	Tons sold to railroad companies.	Tons supplied to locomotives at the mines.	Total tons handled by railroads.
<b>PERRY COUNTY</b>		1,720,691	1,211,674	23,405	2,955,770
Bailey Bros. Coal Co.	I. C.	1,250			1,250
Beaucoup Coal Co.	Mo. Pac.	16,464	246		16,710
Biby Coal Co.	Mo. Pac.	930			930
Brier Hill Coal Mining Co., No. 45	I. C.	14,000	1,500		15,500
	Mo. Pac.	20,000	4,000		24,000
Conant Coal Co.	Mo. Pac.	7,371			7,371
Coulterville Coal Co.	I. C.	14,096	4,690		18,786
	M. & I.	13,544	7,036		20,580
Crerar-Clinch Coal Co., No. 14	I. C.	352,507	79,090		431,597
Crerar-Clinch Coal Co., No. 15	I. C.	91,560	44,143		135,703
Cutler Coal Co., Inc.	Mo. Pac.	96,071			96,071
Home Coal Co.	M. & O.	1,555			1,555
Hustler Coal Co.	M. & O.	1,190			1,190
Imperial Valley Coal Co.	I. C.	280			280
New Galem Coal Co.	Mo. Pac.	7,351	325		7,676
Perfection Coal Co.	I. C.	50,308		23,405	73,713
Pyramid Coal Corp.	Mo. Pac.	151,791	211,024		362,815
	I. C.	19,755	81,639		101,444
	C. G. W.		250,138		250,138
Pyramid Coal Corp., No. 1	Mo. Pac.	112,892	178,954		291,846
Ring Coal Co.	Mo. Pac.	13,500	1,000		14,500
Tamaroa Coal Co., No. 43	I. C.	440			440
United Electric Coal Co., No. 11	I. C.	348,092	89,234		437,326
	Mo. Pac.	284,803	258,605		543,408
Whip-Poor-Will Coal & Mining Co	Mo. Pac.	64,974			64,974
Winkle Coal Co.	I. C.	35,967			35,967
<b>RANDOLPH COUNTY</b>		185,800	260,243		446,043
Gulf Fuel & Mining Co.	Mo. Pac.	3,800			3,800
Ill.-Mo. Coal Co.	M. & I.	5,563	6,842		12,405
Jones Bros. Coal Mining Co., No. 2	I. C.	26,627			26,627
Moffat Coal Co.	M. & O.	5,308	222,551		227,859
St. Louis Coal Co.	I. C.	118,502	23,650		142,152
	M. & I.	26,000	7,200		33,200
<b>WASHINGTON COUNTY</b>		101,197	182,448	27,373	311,018
Bois Coal Co.	I. C.	741			741
Centralia Coal Co., No. 5	I. C.	50,951	103,673		154,624
	C. B. & Q.	31,780	60,503		92,283
Clarkson Coal & Mining Co	L. & N.	17,725	18,267	27,373	63,365
Total Ninth District		2,953,054	1,962,691	50,778	4,965,523
<b>FRANKLIN COUNTY</b>		5,087,354	2,443,883		7,531,237
Bell & Zoller Coal & Mining Co., No. 1	C. B. & Q.	304,564	123,557		428,121
	I. C.	342,110	93,194		440,304
	Mo. Pac.	178,517	46,732		225,249
Bell & Zoller Coal & Mining Co., No. 2	C. B. & Q.	141,970	71,996		213,966
	I. C.	168,941	60,206		229,147
	Mo. Pac.	77,636	53,725		131,361
Chicago, Wilmington & Franklin Coal Co., No. 1	C. B. & Q.	177,202	72,531		249,733
	Mo. Pac.	97,825	69,976		167,801
	I. C.	164,658	59,912		224,570
	C. & E. I.	12,341	6,818		19,159
Chicago, Wilmington & Franklin Coal Co., No. 2	C. B. & Q.	412,704	124,568		537,272
	Mo. Pac.	232,335	118,794		351,129
	I. C.	322,615	96,786		419,401
	C. & E. I.	37,687	16,572		54,259

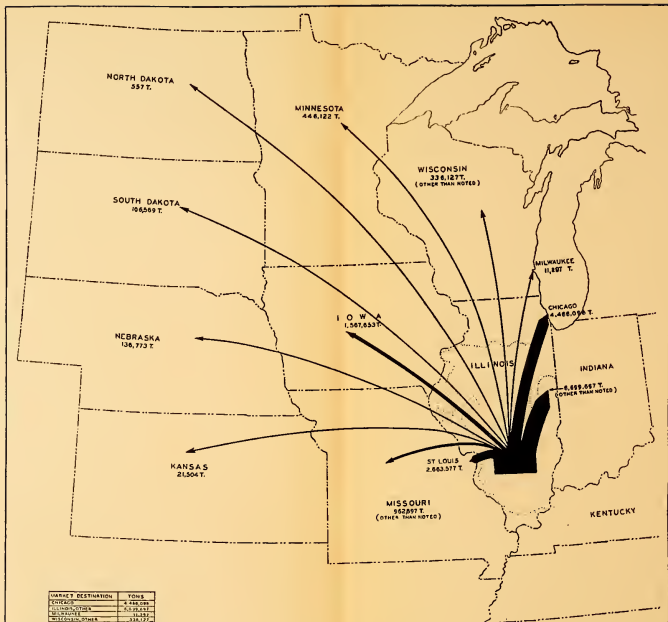
TABLE 26—Continued.

Operators.	Railroads.	Tons shipped.	Tons sold to railroad companies.	Tons supplied to locomotives at the mines.	Total tons handled by railroads.
FRANKLIN COUNTY—CONCLUDED					
Franklin County Coal Corp., No. 5.....	C. B. & Q.	193,349	28,236		221,585
	I. C.	143,058	21,059		164,117
	Mo. Pac.	66,556	12,918		79,474
Franklin County Coal Corp., No. 7.....	C. B. & Q.	101,109	85,749		186,858
	Mo. Pac.	65,933	47,062		112,995
	I. C.	92,940	67,044		159,984
Inter State Coal Co., No. 21.....	C. B. & Q.	14,266	2,398		16,664
	I. C.	11,497	3,114		14,611
	C. & E. I.	1,331			1,331
Old Ben Coal Corp., No. 8.....	C. B. & Q.	261,977	69,558		331,535
	I. C.	162,993	358		163,351
	Mo. Pac.	107,221	516		107,737
	C. & E. I.	14,184	7,697		21,881
Old Ben Coal Corp., No. 14.....	C. B. & Q.	197,613	79,207		276,820
	I. C.	89,013	20,293		109,306
	Mo. Pac.	67,025	26,532		93,557
Old Ben Coal Corp., No. 15.....	C. B. & Q.	294,805	56,569		351,374
	I. C.	186,656	39,579		226,235
	Mo. Pac.	1,304	4,625		5,929
	C. & E. I.	6,089			6,089
Peabody Coal Co., No. 19.....	C. & E. I.	30,843	36,700		67,543
	C. B. & Q.	136,850	42,111		178,961
	I. C.	169,637	1,065		170,702
Valier Coal Co., No. 1.....	C. B. & Q.		771,126		771,126
Total Tenth District.....		5,087,354	2,443,883		7,531,237
SALINE COUNTY.....					
		2,416,139	569,563		2,985,702
Blue Bird Coal Co.....	C. C. C. & St. L.	202,020	54,000		256,020
Peabody Coal Co., No. 47.....	C. C. C. & St. L.	452,010	124,312		576,322
Rex Coal Co., No. 2.....	I. C.	318,880			318,880
	C. C. C. & St. L.	24,100			24,100
Sahara Coal Co., No. 1.....	C. C. C. & St. L.	340,667	11,485		352,152
Sahara Coal Co., No. 3.....	C. C. C. & St. L.	177,192	82,248		259,440
Sahara Coal Co., No. 10.....	C. C. C. & St. L.	87,270			87,270
	I. C.	128,519	119,025		247,544
Sahara Coal Co., No. 12.....	C. C. C. & St. L.	308,469	87,533		396,002
Wasson Coal Co., "A".....	C. C. C. & St. L.	11,050	14,537		25,587
Wasson Coal Co., No. 1.....	C. C. C. & St. L.	365,962	76,423		442,385
WHITE COUNTY.....					
		27,663			27,663
Norris City Coal Mining Co.....	B. & O.	24,402			24,402
	C. C. C. & St. L.	3,261			3,261
Total Eleventh District.....		2,443,802	569,563		3,013,365
WILLIAMSON COUNTY.....					
		1,755,723	809,608		2,565,331
Blue Hill Coal Co.....	Mo. Pac.	65,522			65,522
	S. S. W.		23,430		23,430
Carbon Fuel Co.....	C. B. & Q.	3,480	2,720		6,200
Carolan, W. P., & Co., Inc.....	I. C.	480			480
	Mo. Pac.	358			358
Carterville Mining & Eng. Co.....	I. C.	10,952	1,432		12,384
City Lake Coal Co.....	C. B. & Q.		5,700		5,700
	Mo. Pac.		1,705		1,705



TABLE 26—Continued.

Operators.	Railroads.	Tons shipped.	Tons sold to railroad companies.	Tons supplied to locomotives at the mines.	Total tons handled by railroads.
<b>FRANKLIN COUNTY—CONCLUDED</b>					
Franklin County Coal Corp., No. 5	C. B. & Q	193,349	28,236		221,585
	I. C.	143,058	21,059		164,117
	Mo. Pac.	66,556	12,918		79,474
Franklin County Coal Corp., No. 7	C. B. & Q	101,109	85,749		186,858
	Mo. Pac.	65,933	47,062		112,995
	I. C.	92,940	67,044		159,984
Inter State Coal Co., No. 21	C. B. & Q	14,266	2,398		16,664
	I. C.	11,497	3,114		14,611
	C. & E. I	1,331			1,331
Old Ben Coal Corp., No. 8	C. B. & Q	261,977	69,558		331,535
	I. C.	162,993	358		163,351
	Mo. Pac.	107,221	516		107,737
	C. & E. I	14,184	7,697		21,881
Old Ben Coal Corp., No. 14	C. B. & Q	197,613	79,207		276,820
	I. C.	89,013	20,293		109,306
	Mo. Pac.	67,025	26,532		93,557
Old Ben Coal Corp., No. 15	C. B. & Q	294,805	56,569		351,374
	I. C.	186,656	39,579		226,235
	Mo. Pac.	1,304	4,625		5,929
	C. & E. I	6,089			6,089
Peabody Coal Co., No. 19	C. & E. I	30,843	36,700		67,543
	C. B. & Q	136,850	42,111		178,961
	I. C.	169,637	1,065		170,702
Valier Coal Co., No. 1	C. B. & Q		771,126		771,126
Total Tenth District		5,087,354	2,443,883		7,531,237
<b>SALINE COUNTY</b>					
		2,416,139	569,563		2,985,702
Blue Bird Coal Co.	C. C. C. & St. L.	202,020	54,000		256,020
Peabody Coal Co., No. 47	C. C. C. & St. L.	452,010	124,312		576,322
Rex Coal Co., No. 2	I. C.	318,880			318,880
	C. C. C. & St. L.	24,100			24,100
Sahara Coal Co., No. 1	G. C. C. & St. L.	340,667	11,485		352,152
Sahara Coal Co., No. 3	C. C. C. & St. L.	177,192	82,248		259,440
Sahara Coal Co., No. 10	C. C. C. & St. L.	87,270			87,270
	I. C.	128,519	119,025		247,544
Sahara Coal Co., No. 12	C. C. C. & St. L.	308,469	87,533		396,002
Wasson Coal Co., "A"	C. C. C. & St. L.	11,050	14,537		25,587
Wasson Coal Co., No. 1	C. C. C. & St. L.	365,962	76,423		442,385
<b>WHITE COUNTY</b>					
		27,663			27,663
Norris City Coal Mining Co.	B. & O	24,402			24,402
	C. C. C. & St. L.	3,261			3,261
Total Eleventh District		2,443,802	569,563		3,013,365
<b>WILLIAMSON COUNTY</b>					
		1,755,723	809,608		2,565,331
Blue Hill Coal Co.	Mo. Pac.	65,522			65,522
	S. S. W.		23,430		23,430
Carbon Fuel Co.	C. B. & Q	3,480	2,720		6,200
Carolán, W. P., & Co., Inc.	I. C.	480			480
	Mo. Pac.	358			358
Carterville Mining & Eng. Co.	I. C.	10,952	1,432		12,384
City Lake Coal Co.	C. B. & Q		5,700		5,700
	Mo. Pac.		1,705		1,705



MARKET DESTINATION	TONS
CHICAGO	4,488,096
INDIANA	8,699,567
MILWAUKEE	11,897
ST. LOUIS	2,562,577
MISSOURI	562,897
MINNESOTA	446,122
WISCONSIN	336,127
NEBRASKA	136,723
SOUTH DAKOTA	105,699
NORTH DAKOTA	557
<b>TOTAL</b>	<b>17,048,481</b>



TABLE 26—Concluded.

Operators.	Railroads.	Tons shipped.	Tons sold to railroad companies.	Tons supplied to locomotives at the mines.	Total tons handled by railroads.
WILLIAMSON COUNTY—CONCLUDED					
Consolidated Coal Co., No. 7.	I. C.	188,566	47,383		235,949
	Mo. Pac.	111,009	49,284		160,293
	C. B. & Q.	97,932	28,136		126,068
Consumers Coal & Materials Co.	Mo. Pac.	200			200
Delta Coal Mining Co.	I. C.	270,633	89,150		359,783
Diamond Coal Co.	C. B. & Q.	4,500			4,500
Forsyth Carterville Coal Co.	I. C.	80,180	14,787		94,967
	W. C. F. & N.	533	533		1,066
Franco Mining Corp., No. 1.	C. B. & Q.	224,459	88,454		312,913
Freeman Coal Mining Co.	I. C.	69,563	30,491		100,054
	C. B. & Q.	41,101	18,574		59,675
McLaren Coal Co.	I. C.	34,247	5,026		39,273
New Watson Coal Co.	Mo. Pac.	6,044			6,044
Old Ben Coal Corp., No. 18.	C. B. & Q.	75,060	93,919		168,979
	I. C.	73,923	127,570		201,493
	Mo. Pac.	29,262	64,711		93,973
Puritan Coal Co.	C. B. & Q.	4,145			4,145
Seymour Coal Co.	I. C.	174,719	46,498		221,217
	C. B. & Q.	89,986	28,374		118,360
	Mo. Pac.	41,657	9,216		50,873
Spillertown Mining Co.	C. & E. I.	52			52
Wallace Coal Co.	Mo. Pac.	57,160	32,515		89,675
Total Twelfth District.		1,755,723	809,608		2,565,331

TABLE 27—RAILROADS HANDLING THE COAL AND THE MINES  
SERVED BY EACH.

Number	Railroad and mines served.	County.	District No.	Tons shipped.	Tons sold to railroad companies.	Tons supplied to locomotives at the mines.	Total tons handled by railroads.
1	Illinois Central.			5,895,285	1,727,560	66,827	7,689,672
1	Bailey Bros. Coal Co.	Perry	9	1,250			1,250
2	Bell & Zoller Coal & Mining Co., No. 1.	Franklin	10	342,110	98,194		440,304
3	Bell & Zoller Coal & Mining Co., No. 2.	Franklin	10	168,941	60,206		229,147
4	Bis Coal Co.	Washington	9	741			741
5	Briar Hill Coal Mining Co.	Perry	9	14,000	1,500		-15,500
6	Carolyn, W. P., & Co.	Williamson	12	480			480
7	Carterville Mining & Engineering Co.	Williamson	12	10,952	1,432		12,384
8	Centralia Coal Co., No. 5.	Washington	9	50,951	103,673		154,624
9	Chicago, Wilmington & Franklin Coal Co., No. 1.						
10	Chicago, Wilmington & Franklin Coal Co., No. 2.	Franklin	10	164,658	59,912		224,570
11	Consolidated Coal Co., No. 7.	Franklin	10	322,615	96,786		419,401
12	Coulterville Coal Co.	Williamson	12	188,566	47,383		235,949
13	Crerar-Clinch Coal Co., No. 14.	Perry	9	14,096	4,690		18,786
14	Crerar-Clinch Coal Co., No. 15.	Perry	9	352,507	79,090		431,597
15	Delta Coal Mining Co.	Perry	9	91,560	44,143		135,703
16	Erie Sootless Coal Co.	Williamson	12	270,633	89,150		359,783
17	Forsyth Carterville Coal Co.	Shelby	6	280			280
18	Franklin County Coal Co., No. 5.	Williamson	12	80,180	14,787		94,967
19	Franklin County Coal Co., No. 7.	Franklin	10	143,058	21,059		164,117
20	Freeburg Coal Co.	Franklin	10	92,940	67,044		159,984
21	Freeman Coal Mining Co.	St. Clair	8	7,201			7,201
22	Gill Coal Corp.	Williamson	12	69,563	30,491		100,054
23	Golden Rule Coal Co.	St. Clair	8	40,898	2,087		42,985
24	Groom Coal Co.	St. Clair	8	48,450	16,806		65,256
25	Imperial Valley Coal Co.	St. Clair	8	15,794		15,920	31,714
26	Inter State Coal Co.	Perry	9	280			280
27	Jones Bros. Coal Mining Co., No. 2.	Franklin	10	11,497	3,114		14,611
28	Lenzburg Coal Co.	Randolph	9	26,627			26,627
29	McLaren Coal Co.	St. Clair	8	36,977	3,655		40,632
30	Macon County Coal Co.	Williamson	12	34,247	5,026		39,273
31	Marion County Coal Co.	Macon	5	50,531			50,531
32	Mid State Coal Co., No. 81.	Marion	7	77,821	19,952		97,773
33	Mt. Olive Coal Co.	Sangamon	4	1,570			1,570
34	Mulberry Hill Coal Co.	Macoupin	6	26,631	23,952	11,714	62,297
35	Odin Coal Co.	St. Clair	8	7,345			7,345
36	O. K. Coal Co.	Marion	7	13,200	33,602		46,802
37	Old Ben Coal Corp., No. 8.	St. Clair	8	58,191	8,629		66,820
38	Old Ben Coal Corp., No. 14.	Franklin	10	162,993	3,358		166,351
39	Old Ben Coal Corp., No. 15.	Franklin	10	89,013	20,293		109,306
40	Old Ben Coal Corp., No. 18.	Franklin	10	186,656	39,579		226,235
41	Pana Coal Co.	Williamson	12	73,923	127,570		201,493
42	Panther Creek Mines, No. 4.	Christian	4	35,566	2,956	15,788	54,310
43	Panther Creek Mines, No. 5.	Sangamon	4	17,581			17,581
44	Peabody Coal Co., No. 19.	Sangamon	4	13,675	123		13,798
45	Peabody Coal Co., No. 53.	Franklin	10	168,637	1,065		170,702
46	Peabody Coal Co., No. 57.	Sangamon	4	6,761			6,761
47	Penwell Coal Mining Co.	Sangamon	4	124,431	198		124,629
48	Perfection Coal Co.	Christian	4	48,488	3,316		51,804
49	Pyramid Coal Corp., Pyramid	Perry	9	50,308		23,405	73,713
50	Rex Coal Co., No. 2.	Perry	9	19,755	81,689		101,444
51	Sahara Coal Co., No. 10.	Saline	11	318,880			318,880
52	St. Louis Coal Co.	Saline	11	123,519	119,025		242,544
53	Sangamon Coal Co., No. 2.	Randolph	9	118,502	23,650		142,152
54	Seymour Coal Co.	Sangamon	4	16,478	9,114		25,592
55	Sutton, W. G.	Williamson	12	174,719	46,498		221,217
56	Tamaroa Coal Co.	Woodford	2	29,352			29,352
57	Truax-Traer Coal Co., No. 1.	Perry	9	440			440
58	Truax-Traer Coal Co., No. 2.	Jackson	9	146,357	55,650		202,007
59	Union Colliery Co.	Jackson	9	191,009	62,901		253,910
60	United Electric Coal Co., No. 11.	Jackson	9	496,562	92,303		588,865
61	Vinegar Hill Coal Co.	Perry	9	348,092	89,234		437,326
62	Winkle Coal Co.	St. Clair	8	54,252	15,675		69,927
		Perry	9	35,967			35,967

TABLE 27—Continued.

Number.	Railroad and mines served.	County.	District No.	Tons shipped.	Tons sold to railroad companies.	Tons supplied to locomotives at the mines.	Total tons handled by railroads.
2	Chicago, Burlington & Quincy.....			3,888,300	2,011,322		5,899,622
1	Bell & Zoller Coal & Mining Co., No. 1.....	Franklin	10	304,564	123,557		428,121
2	Bell & Zoller Coal & Mining Co., No. 2.....	Franklin	10	141,970	71,996		213,966
3	Blakley Coal Co.....	Fulton	3	31,764	6,494		38,258
4	Carbon Fuel Co.....	Williamson	12	3,480	2,720		6,200
5	Centralia Coal Co., No. 5.....	Washington	9	31,780	60,508		92,288
6	Chicago, Wilmington & Franklin Coal Co., No. 1.....	Franklin	10	177,202	72,531		249,733
7	Chicago, Wilmington & Franklin Coal Co., No. 2.....	Franklin	10	412,704	124,568		537,272
8	City Lake Coal Co.....	Williamson	12		5,700		5,700
9	Consolidated Coal Co., No. 7.....	Williamson	12	97,932	28,136		126,068
10	Diamond Coal Co.....	Williamson	12	4,500			4,500
11	Franco Mining Corp., No. 1.....	Williamson	12	224,459	88,454		312,913
12	Franklin County Coal Corp., No. 5.....	Franklin	10	193,349	28,236		221,585
13	Franklin County Coal Corp., No. 7.....	Franklin	10	101,109	85,749		186,858
14	Freeman Coal Mining Co.....	Williamson	12	41,101	18,574		59,675
15	Glenwood Mining Co.....	Peoria	2	53,857	7,950		61,807
16	Illinois Colliery Co.....	Fulton	3	27,022	5,200		32,222
17	Inter State Coal Co.....	Franklin	10	14,266	2,398		16,664
18	Marion County Coal Co.....	Marion	7	90,199	38,105		128,304
19	Old Ben Coal Corp., No. 8.....	Franklin	10	261,977	69,558		331,535
20	Old Ben Coal Corp., No. 14.....	Franklin	10	197,613	79,207		276,820
21	Old Ben Coal Corp., No. 15.....	Franklin	10	294,805	56,569		351,374
22	Old Ben Coal Corp., No. 18.....	Williamson	12	75,060	93,919		168,979
23	Peabody Coal Co., No. 19.....	Franklin	10	136,850	42,111		178,961
24	Peschirrer & Sons.....	Fulton	3	2,000			2,000
25	Puritan Coal Co.....	Williamson	12	4,145			4,145
26	Seymour Coal Co.....	Williamson	12	89,986	28,374		118,360
27	Schuler Coal Mining Co.....	Henry	1	47,534	4,536		52,070
28	Truax-Traer Coal Co., No. 1.....	Fulton	3	399,432	36,996		436,428
29	Truax-Traer Coal Co., No. 2.....	Fulton	3	66,781	12,292		79,073
30	United Electric Coal Co., No. 9.....	Fulton	3	359,834	45,758		405,592
31	Vaier Coal Co.....	Franklin	10		771,126		771,126
32	Virden Coal Co.....	Macoupin	6	1,025			1,025
3	Chicago & Illinois Midland.....			3,191,724	277,090		3,468,724
1	Mid State Coal Co., No. 81.....	Sangamon	4	10,901			10,901
2	Panther Creek Mines, No. 4.....	Sangamon	4	36,720			36,720
3	Panther Creek Mines, No. 5.....	Sangamon	4	24,194			24,194
4	Peabody Coal Co., No. 7.....	Christian	4	975,131	57,565		1,032,696
5	Peabody Coal Co., No. 8.....	Christian	4	886,859	108,802		995,661
6	Peabody Coal Co., No. 9.....	Christian	4	765,707	110,079		875,786
7	Peabody Coal Co., No. 53.....	Sangamon	4	81,663			81,663
8	Peabody Coal Co., No. 58.....	Christian	4	401,083			401,083
9	Sangamon Coal Co., No. 2.....	Sangamon	4	9,466	554		10,020
4	Missouri Pacific.....			2,096,919	1,289,937		3,386,856
1	Beaucoup Coal Co.....	Perry	9	16,464	246		16,710
2	Bell & Zoller Coal & Mining Co., No. 1.....	Franklin	10	178,517	46,732		225,249
3	Bell & Zoller Coal & Mining Co., No. 2.....	Franklin	10	77,636	53,725		131,361
4	Biby Coal Co.....	Perry	9	930			930
5	Blue Hill Coal Co.....	Williamson	12	65,522			65,522
6	Briar Hill Coal Co.....	Perry	9	20,000	4,000		24,000
7	Carolan, W. P., & Co.....	Williamson	12	358			358
8	Chicago, Wilmington & Franklin Coal Co., No. 1.....	Franklin	10	97,825	69,976		167,801
9	Chicago, Wilmington & Franklin Coal Co., No. 2.....	Franklin	10	232,335	118,794		351,129
10	City Lake Coal Co.....	Williamson	12		1,705		1,705
11	Consolidated Coal Co., No. 7.....	Williamson	12	111,009	49,254		160,293
12	Conant Coal Co.....	Perry	9	7,371			7,371
13	Consumers Coal & Materials Co.....	Williamson	12	200			200
14	Cutler Coal Co.....	Perry	9	96,071			96,071
15	Franklin County Coal Corp., No. 5.....	Franklin	10	66,556	12,918		79,474
16	Franklin County Coal Corp., No. 7.....	Franklin	10	65,933	47,062		112,995

TABLE 27—Continued.

Number.	Railroad and mines served.	County.	District No.	Tons shipped.	Tons sold to railroad companies.	Tons supplied to locomotives at the mines.	Total tons handled by railroads.
Missouri Pacific—Continued							
17	Gulf Fuel & Mining Co.	Randolph	9	3,800			3,800
18	New Galem Coal Co.	Perry	9	7,351	325		7,676
19	New Watson Coal Co.	Williamson	12	6,044			6,044
20	Old Ben Coal Corp., No. 8	Franklin	10	107,221	516		107,737
21	Old Ben Coal Corp., No. 14	Franklin	10	67,025	26,532		93,557
22	Old Ben Coal Corp., No. 15	Franklin	10	1,304	4,625		5,929
23	Old Ben Coal Corp., No. 18	Williamson	12	29,262	64,711		93,973
24	Peacock Coal Co.	Jackson	9	3,002			3,002
25	Pyramid Coal Corp., Pyramid	Perry	9	151,791	211,024		362,815
26	Pyramid Coal Corp., No. 1	Perry	9	112,892	178,954		291,846
27	Ring Coal Co.	Perry	9	13,500	1,000		14,500
28	Seymour Coal Co.	Williamson	12	41,657	9,216		50,873
29	Truxax-Traer Coal Co., No. 2	Jackson	9	108,406	97,472		205,878
30	United Electric Coal Co., No. 11	Perry	9	284,803	258,605		543,408
31	Wallace Coal Co.	Williamson	12	57,160	32,515		89,675
32	Whip-Poor-Will Coal Co.	Perry	9	64,974			64,974
5	Cleveland, Cincinnati, Chicago & St. Louis			2,389,010	810,276		3,199,286
1	Blue Bird Coal Co.	Saline	11	202,020	54,000		256,020
2	Hillsboro Coal Co.	Montgomery	6	86,808	32,195		119,003
3	Indiana & Illinois Coal Corp., No. 10	Montgomery	6	175,747	90,408		266,155
4	Livingston-Mt. Olive Coal Co.	Madison	7	72,614	23,891		96,505
5	Norris City Coal Co.	White	11	3,261			3,261
6	Pana Coal Co.	Christian	4	796			796
7	Peabody Coal Co., No. 24	Vermilion	5	68,999	213,244		282,243
8	Peabody Coal Co., No. 47	Saline	11	452,010	124,312		576,322
9	Penwell Coal Mining Co.	Christian	4	138			138
10	Rex Coal Co.	Saline	11	24,100			24,100
11	Sahara Coal Co., No. 1	Saline	11	340,667	11,485		352,152
12	Sahara Coal Co., No. 3	Saline	11	177,192	82,248		259,440
13	Sahara Coal Co., No. 10	Saline	11	87,270			87,270
14	Sahara Coal Co., No. 12	Saline	11	308,469	87,533		396,002
15	Stiers Bros., Construction Co.	Madison	7	1,720			1,720
16	Ubben Coal Co.	Tazewell	2	10,187			10,187
17	Wasson Coal Co. A	Saline	11	11,050	14,537		25,587
18	Wasson Coal Co., No. 1	Saline	11	365,962	76,423		442,385
6	Chicago & Northwestern			659	2,328,430		2,329,089
1	Dorthel Coal Co., No. 3	Fulton	3		1,013		1,013
2	Spring Valley Coal Mining Co.	Bureau	1	659			659
3	Superior Coal Co., No. 1	Macoupin	6		578,381		578,381
4	Superior Coal Co., No. 2	Macoupin	6		661,452		661,452
5	Superior Coal Co., No. 3	Macoupin	6		734,151		734,151
6	Superior Coal Co., No. 4	Macoupin	6		353,433		353,433
7	Chicago & Eastern Illinois			331,441	129,577		461,018
1	Chicago, Wilmington & Franklin Coal Co., No. 1	Franklin	10	12,341	6,818		19,159
2	Chicago, Wilmington & Franklin Coal Co., No. 2	Franklin	10	37,687	16,572		54,259
3	Indiana & Illinois Coal Corp., No. 10	Montgomery	6	49,829	52,400		102,229
4	Inter State Coal Co., No. 21	Franklin	10	1,331			1,331
5	Livingston-Mt. Olive Coal Co.	Madison	7	20,355	9,390		29,745
6	Old Ben Coal Corp., No. 8	Franklin	10	14,184	7,697		21,881
7	Old Ben Coal Corp., No. 15	Franklin	10	6,089			6,089
8	Pana Coal Co.	Christian	4	40			40
9	Peabody Coal Co., No. 19	Franklin	10	30,843	36,700		67,543
10	Peabody Coal Co., No. 24	Vermilion	5	158,690			158,690
11	Spillertown Mining Co.	Williamson	12	52			52

TABLE 27—Continued.

Number.	Railroad and mines served.	County.	District No.	Tons shipped.	Tons sold to railroad companies.	Tons supplied to locomotives at the mines.	Total tons handled by railroads.
8	Chicago, Rock Island & Pacific .....			493,596	857,761		1,351,357
	1 Buffalo Rock Coal Co. ....	LaSalle	1	15,974	1,377		17,351
	2 Crescent Mining Co., No. 1 ..	Peoria	2		390,609		390,609
	3 Crescent Mining Co., No. 6 ..	Peoria	2		421,380		421,380
	4 Midland Electric Coal Corp., No. 1 ..	Henry	1	401,869	36,653		438,522
	5 Southern Coal, Coke & Mining Co., No. 9 ..	Clinton	8		175		175
	6 Spring Valley Coal Mining Co. ....	Bureau	1	689			689
	7 Truax-Traer Coal Co., No. 1 ..	Fulton	3		7,567		7,567
	8 Union Coal Co. ....	La Salle	1	57,942			57,942
	9 Wilmington Coal Mines .....	La Salle	1	17,122			17,122
9	Wabash .....			851,629	619,288		1,470,917
	1 Consolidated Coal Co., No. 7 ..	Macoupin	6	60,609	25,035		85,644
	2 Consolidated Coal Co., No. 15 ..	Macoupin	6	433,208	224,460		657,668
	3 Mid State Coal Co. ....	Sangamon	4	232			232
	4 Mine B Coal Co. ....	Sangamon	4	30,701	58,436		89,137
	5 Panther Creek Mines, No. 4 ..	Sangamon	4	21,747	25,817		47,564
	6 Panther Creek Mines, No. 5 ..	Sangamon	4	14,955	20,789		35,744
	7 Peabody Coal Co., No. 53 ..	Sangamon	4	95,032	53,320		148,352
	8 Peabody Coal Co., No. 58 ..	Christian	4	170,182	173,478		343,660
	9 Sangamon Coal Co., No. 2 ..	Sangamon	4	7,006	17,090		24,096
	10 Tilton Mining Co. ....	Vermilion	5	17,957	20,863		38,820
10	Chicago & Alton .....			607,571	236,109		843,680
	1 Jefferson Coal Mining Co., No. 81 ..	Sangamon	4	30,269			30,269
	2 Mid State Coal Co., No. 81 ..	Sangamon	4	5,987	4,546		10,533
	3 Mine B Coal Co. ....	Sangamon	4	40,103	43,050		83,153
	4 Northern Illinois Coal Corp., No. 10 ..	Will	1	301,653	49,542		351,195
	5 Panther Creek Mines, No. 4 ..	Sangamon	4	89,717	34,070		123,787
	6 Panther Creek Mines, No. 5 ..	Sangamon	4	73,647	61,233		134,880
	7 Peabody Coal Co., No. 53 ..	Sangamon	4	23,532	4,681		28,213
	8 Sangamon Coal Co., No. 2 ..	Sangamon	4	32,872	22,796		55,668
	9 Virden Coal Co. ....	Macoupin	6	9,791	16,191		25,982
11	Illinois Terminal .....			677,752	24,733		702,485
	1 Chicopee Coal Co. ....	Madison	7	2,228			2,228
	2 Gillespie Coal Co. ....	Macoupin	6	252,570			252,570
	3 Lumaghi Coal Co. ....	Madison	7		140		140
	4 Madison County Coal & Mining Co. ....	Madison	7	121,905	5,115		127,020
	5 Mid State Coal Co., No. 81 ..	Sangamon	4	507	146		653
	6 Morgan, F. C., & Co. ....	Vermilion	5	1,035			1,035
	7 Panther Creek Mines, No. 4 ..	Sangamon	4	7,628			7,628
	8 Panther Creek Mines, No. 5 ..	Sangamon	4	5,212			5,212
	9 Peabody Coal Co., No. 53 ..	Sangamon	4	9,777			9,777
	10 Peabody Coal Co., No. 57 ..	Sangamon	4	60,849			60,849
	11 Perry Coal Co., St. Ellen ..	St. Clair	8	143,947	19,332		163,279
	12 Prairie Coal Co. ....	St. Clair	8	35,072			35,072
	13 Pyramid Coal Co. Coal Strip, No. 2 ..	Vermilion	5	36,026			36,026
	14 Skelton, J. G., Coal Co. ....	Vermilion	5	496			496
	15 South Mine Coal Co. ....	Macoupin	6	500			500
12	Minneapolis & St. Louis .....			566,673	261,623		828,296
	1 Dorthel Coal Co., No. 1 ..	Peoria	2	18,286	84,407		102,693
	2 Dorthel Coal Co., No. 2 ..	Fulton	3	10,018	25,294		35,312
	3 Dorthel Coal Co., No. 3 ..	Fulton	3	64,489	26,799		91,288
	4 Golden Rule Coal Co. ....	Fulton	3		9,784		9,784
	5 Midland Electric Coal Corp., No. 10 ..	Fulton	3	473,880	109,366		583,246
	6 Truax-Traer Coal Co., No. 2 ..	Fulton	3		5,973		5,973
13	Achison, Topeka & Santa Fe .....			328,513	382,912		711,425
	1 Galesburg Mining Co. ....	Knox	3	22,429	211,480		233,909
	2 Northern Illinois Coal Corp., No. 10 ..	Will	1	299,853	171,324		471,177
	3 Roanoke Coal & Tile Co. ....	Woodford	2	5,702	108		5,810
	4 Sutton, W. G. ....	Woodford	2	529			529

TABLE 27—Continued.

Number.	Railroad and mines served.	County.	District No.	Tons shipped.	Tons sold to railroad companies.	Tons supplied to locomotives at the mines.	Total tons handled by railroads.
14	Litchfield & Madison			511,809	21,600		533,409
	1 Consolidated Coal Co., No. 7	Macoupin	6	83			83
	2 Mt. Olive & Staunton Coal Co., No. 2	Madison	7	511,726	21,600		533,326
15	St. Louis & O'Fallon			183,739	138,154	1,326	323,219
	1 St. Louis & O'Fallon Coal Co., No. 2	St. Clair	8	183,739	138,154	1,326	323,219
16	Chicago, Springfield & St. Louis			168,762	175,590		344,352
	1 Central Illinois Coal Mining Co., "A"	Sangamon	4	127,237	170,640		297,877
	2 Mid State Coal Co., No. 81	Sangamon	4	36			36
	3 Mine B Coal Co.	Sangamon	4	36,855	4,950		41,805
	4 Panther Creek Mines, No. 4	Sangamon	4	2,970			2,970
	5 Panther Creek Mines, No. 5	Sangamon	4	1,044			1,044
	6 Peabody Coal Co., No. 53	Sangamon	4	620			620
17	Pennsylvania Lines			302,441	31,924		334,365
	1 Bullock Mining Co.	Madison	7	6,575			6,575
	2 Illinois-Poeshontas Coal Co.	Bond	7	42,456	22,855		65,311
	3 Lumaghi Coal Co.	Madison	7	253,410	9,069		262,479
18	Springfield Terminal			303,166	30,555	707	334,428
	1 Peabody Coal Co., No. 59	Sangamon	4	303,166	30,555	707	334,428
19	Elgin, Joliet & Eastern			696,898	330,493	2,312	1,029,703
	1 United States Fuel Co., "Bun"	Vermilion	5	696,898	330,493	2,312	1,029,703
20	Chicago Great Western				252,130		252,130
	1 Livingston-Mt. Olive Coal Co.	Madison	7		1,992		1,992
	2 Pyramid Coal Corp.	Perry	9		250,138		250,138
21	Mobile & Ohio			8,053	222,551		230,604
	1 Home Coal Co.	Perry	9	1,555			1,555
	2 Hustler Coal Co.	Perry	9	1,190			1,190
	3 Moffat Coal Co.	Randolph	9	5,308	222,551		227,859
22	Baltimore & Ohio			143,189	58,190		201,379
	1 Beekemeyer Coal Co.	Clinton	8	20,709			20,709
	2 Citizens Coal Co.	Clinton	8	38,060			38,060
	3 Mid State Coal Co., No. 81	Sangamon	4	1,795			1,795
	4 Norris City Coal Co.	White	11	24,402			24,402
	5 Pana Coal Co.	Christian	4	1,156			1,156
	6 Panther Creek Mines, No. 4	Sangamon	4	7,350			7,350
	7 Panther Creek Mines, No. 5	Sangamon	4	2,649			2,649
	8 Peabody Coal Co., No. 53	Sangamon	4	307			307
	9 Peabody Coal Co., No. 57	Sangamon	4	33,850	17,520		51,370
	10 Penwell Coal Mining Co.	Christian	4	2,269			2,269
	11 Perry Coal Co., Carbon	St. Clair	8	10,242	40,670		50,912
23	Southern			213,664	5,519		219,183
	1 Southern Coal, Coke & Mining Co., No. 6	St. Clair	8	20,329	343		20,672
	2 Southern Coal, Coke & Mining Co., No. 7	St. Clair	8	122,412	4,687		127,099
	3 Southern Coal, Coke & Mining Co., No. 9	Clinton	8	70,923	489		71,412
24	Peoria & Pekin Union			38,290	51,162		89,452
	1 Crescent Mining Co., No. 1	Peoria	2		18,321		18,321
	2 Crescent Mining Co., No. 6	Peoria	2		9,242		9,242
	3 Dorthel Coal Co., No. 3	Fulton	3		3,038		3,038
	4 Lake Erie Mining Co.	Tazewell	2	38,290	20,561		58,851



TABLE 27—Continued.

Number.	Railroad and mines served.	County.	District No.	Tons shipped.	Tons sold to railroad companies.	Tons supplied to locomotives at the mines.	Total tons handled by railroads.
14	Litchfield & Madison			511,809	21,600		533,409
	1 Consolidated Coal Co., No. 7	Macoupin	6	83			83
	2 Mt. Olive & Staunton Coal Co., No. 2	Madison	7	511,726	21,600		533,326
15	St. Louis & O'Fallon			183,739	138,154	1,326	323,219
	1 St. Louis & O'Fallon Coal Co., No. 2	St. Clair	8	183,739	138,154	1,326	323,219
16	Chicago, Springfield & St. Louis			168,762	175,590		344,352
	1 Central Illinois Coal Mining Co., "A"	Sangamon	4	127,237	170,640		297,877
	2 Mid State Coal Co., No. 81	Sangamon	4	36			36
	3 Mine B Coal Co.	Sangamon	4	36,855	4,950		41,805
	4 Panther Creek Mines, No. 4	Sangamon	4	2,970			2,970
	5 Panther Creek Mines, No. 5	Sangamon	4	1,044			1,044
	6 Peabody Coal Co., No. 53	Sangamon	4	620			620
17	Pennsylvania Lines			302,441	31,924		334,365
	1 Bullock Mining Co.	Madison	7	6,575			6,575
	2 Illinois-Poahontas Coal Co.	Bond	7	42,456	22,855		65,311
	3 Lumaghi Coal Co.	Madison	7	253,410	9,069		262,479
18	Springfield Terminal			303,166	30,555	707	334,428
	1 Peabody Coal Co., No. 59	Sangamon	4	303,166	30,555	707	334,428
19	Elgin, Joliet & Eastern			696,898	330,493	2,312	1,029,703
	1 United States Fuel Co., "Bun"	Vermilion	5	696,898	330,493	2,312	1,029,703
20	Chicago Great Western				252,130		252,130
	1 Livingston-Mt. Olive Coal Co.	Madison	7		1,992		1,992
	2 Pyramid Coal Corp.	Perry	9		250,138		250,138
21	Mobile & Ohio			8,053	222,551		230,604
	1 Home Coal Co.	Perry	9	1,555			1,555
	2 Hustler Coal Co.	Perry	9	1,190			1,190
	3 Moffat Coal Co.	Randolph	9	5,308	222,551		227,859
22	Baltimore & Ohio			143,189	58,190		201,379
	1 Beckemeyer Coal Co.	Clinton	8	20,709			20,709
	2 Citizens Coal Co.	Clinton	8	38,060			38,060
	3 Mid State Coal Co., No. 81	Sangamon	4	1,795			1,795
	4 Norris City Coal Co.	White	11	24,402			24,402
	5 Pana Coal Co.	Christian	4	1,156			1,156
	6 Panther Creek Mines, No. 4	Sangamon	4	7,350			7,350
	7 Panther Creek Mines, No. 5	Sangamon	4	2,649			2,649
	8 Peabody Coal Co., No. 53	Sangamon	4	307			307
	9 Peabody Coal Co., No. 57	Sangamon	4	33,850	17,520		51,370
	10 Penwell Coal Mining Co.	Christian	4	2,269			2,269
	11 Perry Coal Co., Carbon	St. Clair	8	10,242	40,670		50,912
23	Southern			213,664	5,519		219,183
	1 Southern Coal, Coke & Mining Co., No. 6	St. Clair	8	20,329	343		20,672
	2 Southern Coal, Coke & Mining Co., No. 7	St. Clair	8	122,412	4,687		127,099
	3 Southern Coal, Coke & Mining Co., No. 9	Clinton	8	70,923	489		71,412
24	Peoria & Pekin Union			38,290	51,162		89,452
	1 Crescent Mining Co., No. 1	Peoria	2		18,321		18,321
	2 Crescent Mining Co., No. 6	Peoria	2		9,242		9,242
	3 Dorthel Coal Co., No. 3	Fulton	3		3,038		3,038
	4 Lake Erie Mining Co.	Tazewell	2	38,290	20,561		58,851



ORIGIN AND PORTS OF DESTINATION  
OF  
GREAT LAKES CARGO SHIPMENTS OF BITUMINOUS COAL  
1932  
ILLINOIS STATE PLANNING COMMISSION  
DEC 1934



TABLE 27—Concluded.

Number.	Railroad and mines served.	County.	District No.	Tons shipped.	Tons sold to railroad companies.	Tons supplied to locomotives at the mines.	Total tons handled by railroads.
25	Peoria Terminal .....			129,533	3,246		132,779
	1 Crescent Mining Co., No. 1 .....	Peoria	2	8,018	2,388		10,406
	2 Crescent Mining Co., No. 6 .....	Peoria	2	121,515	858		122,373
26	Caseyville .....			79,891	57,173	1,773	138,837
	1 Gundlach Coal Co. ....	St. Clair	8	79,891	57,173	1,773	138,837
27	Missouri & Illinois .....			45,107	21,078		66,185
	1 Coulterville Coal Co. ....	Perry	9	13,544	7,036		20,580
	2 Ill.-Mo. Coal Co. ....	Randolph	9	5,563	6,842		12,405
	3 St. Louis Coal Co. ....	Randolph	9	26,000	7,200		32,200
28	Louisville & Nashville .....			23,561	18,267	27,373	69,201
	1 Clarkson Coal & Mining Co. ....	Washington	9	17,725	18,267	27,373	63,365
	2 Service Coal Co. ....	St. Clair	8	5,436			5,436
	3 White Coal Co. ....	St. Clair	8	400			400
29	Toledo, Peoria & Western .....			42,157	28,173		70,330
	1 Bayles, D. B. ....	Fulton	3	1,154	5,201		6,355
	2 Peterson Coal Co. ....	Fulton	3	4,823			4,823
	3 Pechirrer & Sons .....	Fulton	3	30,000	21,272		51,272
	4 Reed Coal Co. ....	Fulton	3	5,460			5,460
	5 Swords, Geo. ....	Fulton	3	720	1,700		2,420
30	Belt Ry. Co. ....				28,504		28,504
	1 Livingston-Mt. Olive Coal Co. ....	Madison	7		1,448		1,448
	2 Midland Electric Coal Corp., No. 1 .....	Henry	1		6,435		6,435
	3 Northern Illinois Coal Corp., No. 10 .....	Will.	1		11,674		11,674
	4 Sangamon Coal Co., No. 2 .....	Sangamon	4		1,323		1,323
	5 Truax-Traer Coal Co., No. 1 .....	Fulton	3		7,200		7,200
	6 Truax-Traer Coal Co., No. 2 .....	Fulton	3		424		424
31	St. Louis Southwestern .....				23,430		23,430
	1 Blue Hill Coal Co. ....	Williamson	12		23,430		23,430
32	W. C. F. & N. ....			533	533		1,066
	1 Forsyth-Carterville Coal Co. ....	Williamson	12	533	533		1,066
33	St. Louis & San Francisco .....				1,627		1,627
	1 Livingston-Mt. Olive Coal Co. ....	Madison	7		518		518
	2 O. K. Coal Co. ....	St. Clair	8		1,109		1,109
34	B. M. & N. W. ....				54		54
	1 Midland Electric Coal Corp., No. 1 .....	Henry	1		54		54
35	Peoria & Eastern .....			18,672	3,064		21,736
	1 F. C. Morgan Coal Co. ....	Vermilion	5	18,672	3,064		21,736
36	Alton & Southern .....				1,017		1,017
	1 O. K. Coal Co. ....	St. Clair	8		1,017		1,017
37	M. R. & S. W. ....			52,324		700	53,024
	1 Prairie State Coal Co. ....	Putnam	1	52,324		700	53,024
38	St. L. B. & E. ....			1,739			1,739
	1 Quality Coal Co. ....	St. Clair	8	1,739			1,739
	The State .....			24,282,600	12,460,562	101,018	36,844,180

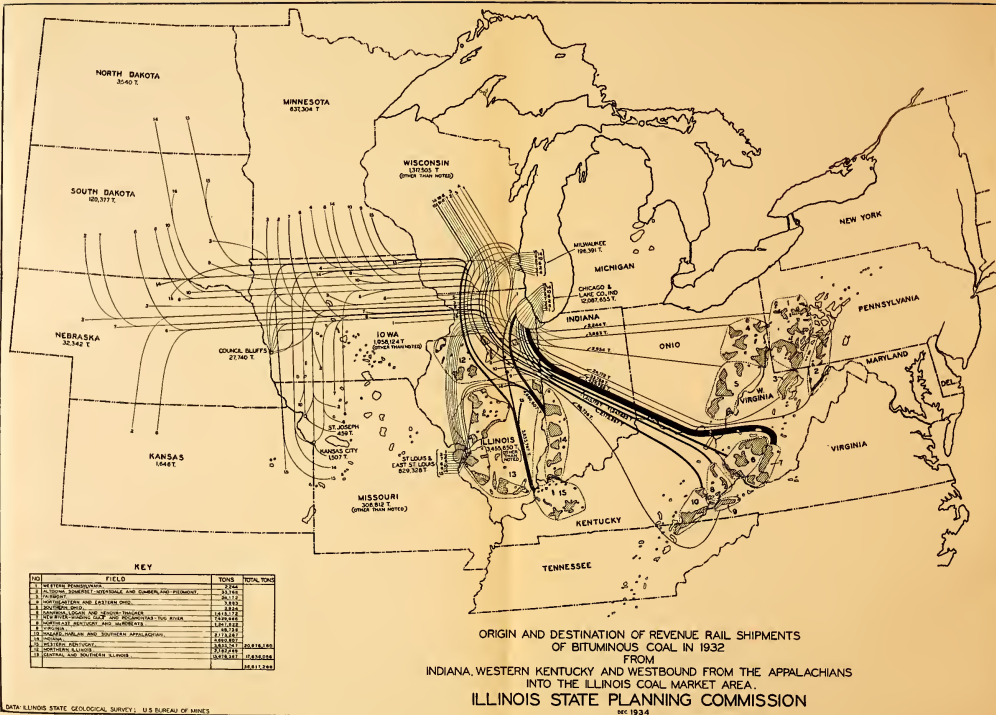
TABLE 28—RAILROADS HANDLING THE COAL OF SHIPPING MINES.

Railroads.	Number of—		Total tons handled by railroads.	Tons shipped.	Tons sold to railroads.	Tons supplied to locomotives.	Per cent handled by each railroad.
	Countries.	Mines.					
The State.....	30	182	36,844,180	24,282,600	12,460,562	101,018	100.00
Illinois Central.....	15	62	7,689,672	5,895,285	1,727,560	66,827	20.87
Chicago, Burlington & Quincy.....	8	32	5,899,622	3,888,300	2,011,322		16.01
Chicago & Illinois Midland.....	2	9	3,468,724	3,191,724	277,000		9.42
Missouri Pacific.....	5	32	3,386,856	2,096,919	1,289,937		9.19
Cleveland, Cincinnati, Chicago & St. Louis.....	7	18	3,199,286	2,389,010	810,276		8.69
Chicago & Northwestern.....	3	6	2,329,089	659	2,328,430		6.32
Chicago & Eastern Illinois.....	6	11	461,018	331,441	129,577		1.25
Chicago, Rock Island & Pacific.....	6	9	1,351,357	493,596	857,761		3.67
Wabash.....	4	10	1,470,917	851,629	619,288		4.00
Chicago & Alton.....	3	9	843,680	607,571	236,109		2.29
Illinois Terminal.....	5	15	702,485	677,752	24,733		1.91
Minneapolis & St. Louis.....	2	6	828,296	566,673	261,623		2.25
Atchison, Topeka & Santa Fe.....	3	4	711,425	328,513	382,912		1.94
Litchfield & Madison.....	2	2	533,409	511,809	21,600		1.45
St. Louis & O'Fallon.....	1	1	323,219	183,739	138,154	1,326	.88
Chicago, Springfield & St. Louis.....	1	6	344,352	168,762	175,590		.94
Pennsylvania Lines.....	2	3	334,365	302,441	31,924		.91
Springfield Terminal.....	1	1	334,428	303,166	30,555		.91
Elgin, Joliet & Eastern.....	1	1	1,029,703	696,898	330,493	2,312	2.79
Chicago Great Western.....	2	2	252,130		252,130		.68
Mobile & Ohio.....	2	3	230,604	8,053	222,551		.63
Baltimore & Ohio.....	5	11	201,379	143,189	58,190		.55
Southern.....	2	3	219,183	213,664	5,519		.60
Peoria & Pekin Union.....	3	4	89,452	38,290	51,162		.24
Peoria Terminal.....	1	2	132,779	129,533	3,246		.36
Caseyville.....	1	1	138,837	79,891	57,173	1,773	.38
Missouri & Illinois.....	2	3	66,185	45,107	21,078		.18
Louisville & Nashville.....	2	3	69,201	28,561	18,267	27,373	.18
Toledo, Peoria & Western.....	1	5	70,330	42,157	28,173		.19
Belt Ry. Co.....	5	6	28,504		28,504		.07
St. Louis Southwestern.....	1	1	23,430		23,430		.06
W. C. F. & N.....	1	1	1,066	533			
St. Louis & San Francisco.....	2	2	1,627		1,627		
B. M. & N. W.....	1	1	54		54		
Peoria & Eastern.....	1	1	21,736	18,672	3,064		.05
Alton & Southern.....	1	1	1,017		1,017		
M. R. & S. W.....	1	1	53,024	52,324		700	14
St. L. B. & E.....	1	1	1,739	1,739			



TABLE 28—RAILROADS HANDLING THE COAL OF SHIPPING MINES.

Railroads.	Number of—		Total tons handled by railroads.	Tons shipped.	Tons sold to railroads.	Tons supplied to locomotives.	Per cent handled by each railroad.
	Counties.	Mines.					
The State.....	30	182	36,844,180	24,282,600	12,460,562	101,018	100.00
Illinois Central.....	15	62	7,689,672	5,895,285	1,727,560	66,827	20.87
Chicago, Burlington & Quincy.....	8	32	5,899,622	3,888,300	2,011,322		16.01
Chicago & Illinois Midland.....	2	9	3,468,724	3,191,724	277,000		9.42
Missouri Pacific.....	5	32	3,386,856	2,096,919	1,289,937		9.19
Cleveland, Cincinnati, Chicago & St. Louis.....	7	18	3,199,286	2,389,010	810,276		8.69
Chicago & Northwestern.....	3	6	2,329,089	659	2,328,430		6.32
Chicago & Eastern Illinois.....	6	11	461,018	331,441	129,577		1.25
Chicago, Rock Island & Pacific.....	6	9	1,351,357	493,596	857,761		3.67
Wabash.....	4	10	1,470,917	851,629	619,288		4.00
Chicago & Alton.....	3	9	843,680	607,571	236,109		2.29
Illinois Terminal.....	5	15	702,485	677,752	24,733		1.91
Minneapolis & St. Louis.....	2	6	828,296	566,673	261,623		2.25
Atchison, Topeka & Santa Fe.....	3	4	711,425	328,513	382,912		1.94
Litchfield & Madison.....	2	2	533,409	511,809	21,600		1.45
St. Louis & O'Fallon.....	1	1	323,219	183,739	138,154	1,326	.88
Chicago, Springfield & St. Louis.....	1	6	168,762	175,590			.94
Pennsylvania Lines.....	2	3	334,365	302,441	31,924		.91
Springfield Terminal.....	1	1	334,428	303,166	30,555	707	.91
Elgin, Joliet & Eastern.....	1	1	1,029,703	696,898	330,493	2,312	2.79
Chicago Great Western.....	2	2	252,130		252,130		.68
Mobile & Ohio.....	2	3	230,604	8,053	222,551		.63
Baltimore & Ohio.....	5	11	201,379	143,189	58,190		.55
Southern.....	2	3	219,183	213,664	5,519		.60
Peoria & Pekin Union.....	3	4	89,452	38,290	51,162		.24
Peoria Terminal.....	1	2	132,779	129,533	3,246		.36
Cassville.....	1	1	138,837	79,891	57,173	1,773	.18
Missouri & Illinois.....	2	3	66,185	45,107	21,078		.18
Louisville & Nashville.....	2	3	69,201	23,561	18,267	27,373	.18
Toledo, Peoria & Western.....	1	5	70,330	42,157	28,173		.19
Belt Ry. Co.....	5	6	28,504		28,504		.07
St. Louis Southwestern.....	1	1	23,430		23,430		.06
W. C. F. & N.....	1	1	1,066	533	533		
St. Louis & San Francisco.....	2	2	1,627		1,627		
B. M. & N. W.....	1	1	54		54		
Peoria & Eastern.....	1	1	21,736	18,672	3,064		.05
Alton & Southern.....	1	1	1,017		1,017		
M. R. & S. W.....	1	1	53,024	52,324		700	14
St. L. B. & E.....	1	1	1,739	1,739			





**TABLE 29—METHODS OF MINING—NUMBER OF MINES, MACHINES AND TONS BY EACH METHOD—SHIPPING MINES BY DISTRICTS AND LOCAL MINES FOR THE STATE.**

District.	Machine exclusively.			Hand exclusively.		Hand and machine.			Strip mines.	
	Mines.	Machines.	Tons.	Mines.	Tons.	Mines.	Machines.	Tons.	Mines.	Tons.
First.....	1	4	135,817	3	171,673	1	3	81,124	4	1,542,059
Second.....	5	63	1,297,330	2	96,727	1	3	65,989		
Third.....	4	9	200,851	2	23,933	3	25	426,341	7	1,564,768
Fourth.....	7	51	4,709,685	8	1,450,214	1	1	85,846		
Fifth.....	4	65	1,700,441	1	1,163	1	3	51,026	2	97,479
Sixth.....	12	64	4,055,466			1	4	170,571		
Seventh.....	6	48	1,502,102	1	33,744	2	20	258,610	1	6,845
Eighth.....	8	60	1,140,595	17	1,122,073					
Ninth.....	14	80	1,634,981	12	222,451	2	30	487,906	7	3,127,853
Tenth.....	12	210	7,985,155							
Eleventh.....	9	210	2,936,146						1	262,683
Twelfth.....	6	39	1,686,636	5	23,378	3	18	517,535	6	533,218
Total.....	88	903	28,985,205	51	3,145,356	15	107	2,144,948	28	7,134,905
Local mines.....	67	102	1,205,293	946	1,714,799	25	27	336,328	130	346,444
The State.....	155	1,005	30,190,498	997	4,860,155	40	134	2,481,276	158	7,481,349

**TABLE 30—UNDERGROUND HAULAGE IN SHIPPING MINES—BY DISTRICTS.**

District.	Motors only.			Mules only.			Motors and mules.			
	Number of—			Number of—			Number of—			
	Mines.	Motors.	Tons hauled.	Mines.	Mules.	Tons hauled.	Mines.	Motors.	Mules.	Tons hauled.
First.....				2	53	124,502	3	4	86	264,112
Second.....							8	25	159	1,460,046
Third.....				3	9	36,369	6	13	84	614,756
Fourth.....	2	49	1,800,366				14	97	259	4,445,379
Fifth.....				3	10	75,646	3	50	54	1,676,984
Sixth.....	3	37	846,618	1	3	9,138	9	86	53	3,370,281
Seventh.....	1	9	189,028	1	5	33,744	7	46	85	1,571,684
Eighth.....	1	11	89,439				24	56	164	2,173,229
Ninth.....	1	30	603,087	15	40	160,386	12	46	102	1,581,865
Tenth.....	9	301	6,422,490				3	52	78	1,562,565
Eleventh.....	3	51	997,957				6	93	130	1,938,189
Twelfth.....	3	69	1,429,596	7	21	129,533	4	12	31	668,420
Total.....	23	557	12,358,581	32	141	569,318	99	580	1285	21,327,510

TABLE 31—NUMBER OF MINES OPERATED AND TOTAL TONS MINED; STRIP MINES AND OUTPUT; NUMBER OF MINES USING MACHINES, NUMBER USED AND TONNAGE UNDERCUT; NUMBER OF MINES USING MOTORS FOR UNDERGROUND HAULAGE, NUMBER OF MOTORS USED AND TONS HAULED; ALSO THE PERCENTAGE OF EACH CLASS—SHIPPING MINES—BY YEARS, 1907-1935.

Year.	Mines operated.	Total tons mined.	Mined in strip mines.				Machine mining.						Motor hauling.					
			Number of—		Per cent of—		Number of—			Per cent of—				Number of—		Per cent of—		
			Mines.	Tons mined.	Mines.	Tons mined.	Mines using.	Machines used.	Tons undercut.	Mines using.	Tons undercut.	Mines using.	Tons undercut.	Mines using.	Motors used.	Tons hauled.	Mines using.	Tons hauled.
1907	411	46,436,839					101	1,105	14,490,454	24.6	31.2	75	129	16,542,575	18.3	35.6		
1908	407	47,809,730					105	1,160	15,210,443	25.7	31.8	88	185	19,024,665	21.6	39.8		
1909	384	47,958,562					107	1,246	16,407,692	27.9	34.2	96	210	21,892,462	25.0	45.6		
1910	390	47,225,201					114	1,289	18,176,254	29.2	38.5	106	229	23,204,480	27.2	49.1		
1911	387	48,758,657	1	45,153		3	126	1,430	19,998,259	32.6	41.0	137	316	29,310,173	35.5	60.2		
1912	380	56,096,695	5	53,762	1.3	1	129	1,581	25,550,059	34.4	45.5	165	381	37,958,050	44.0	67.7		
1913	371	60,515,416	4	117,790	1.1	2	140	1,689	30,228,520	38.1	50.0	185	466	46,194,737	50.4	76.5		
1914	340	59,379,182	4	181,520	1.2	3	141	1,828	31,446,823	41.2	53.1	191	540	47,485,729	56.8	80.2		
1915	280	56,172,556	2	195,486	.7	3	131	1,686	34,057,426	47.1	60.8	173	604	47,239,554	62.2	84.4		
1916	284	62,283,236	3	344,372	1.1	6	139	1,817	39,312,376	49.9	63.5	176	648	53,140,005	62.6	85.8		
1917	324	77,412,054	5	419,475	1.5	6	151	1,920	47,232,880	47.3	61.3	200	774	67,196,786	62.7	87.3		
1918	370	88,306,228	4	498,347	1.1	6	174	2,054	50,027,491	47.5	57.0	240	960	77,662,619	65.6	88.4		
1919	373	73,751,721	3	393,894	.8	5	199	2,124	42,993,172	53.8	58.6	259	1,114	66,686,930	70.9	90.9		
1920	373	72,409,610	3	367,009	.8	5	208	2,330	45,130,629	56.2	62.6	276	1,228	66,441,191	74.6	92.2		
1921	389	78,339,082	3	437,006	.8	6	235	2,760	50,243,470	60.9	64.5	280	1,406	71,329,567	72.5	91.6		
1922	352	61,406,093	5	533,923	1.4	9	205	2,762	41,168,621	59.1	69.3	242	1,364	55,028,080	70.0	90.4		
1923	374	73,410,837	6	895,608	1.6	12	241	3,049	51,057,868	65.5	70.4	285	1,547	70,863,815	77.4	97.7		
1924	329	70,324,363	11	1,184,288	3.3	17	215	3,033	50,064,304	67.6	72.5	259	1,565	65,900,698	82.7	95.3		
1925*	255	100,012,299	18	4,722,597	7.1	47	165	2,540	74,826,357	69.6	78.5	195	1,360	92,185,121	82.3	96.7		
1926	244	67,836,441	16	3,482,611	6.6	5.1	149	2,259	50,736,684	65.4	73.8	182	1,288	61,486,775	80.0	95.5		
1927	241	44,926,433	15	2,756,410	6.2	6.1	151	2,397	32,681,281	66.8	77.5	180	1,250	40,144,446	80.0	95.2		
1928	206	54,284,184	14	1,113,908	6.8	7.6	139	2,158	41,499,267	72.4	82.7	158	1,182	49,007,549	82.3	97.7		
1929	200	59,075,995	17	5,250,501	8.5	8.9	139	1,989	45,907,457	76.0	85.3	156	1,281	52,426,315	85.2	97.4		
1930	185	51,996,608	15	6,220,336	8.1	12.0	129	1,606	40,015,407	75.9	87.2	133	1,201	41,181,378	78.2	87.2		
1931	167	43,073,058	16	6,548,798	9.6	15.2	111	1,385	32,587,944	73.5	89.2	123	1,205	35,459,159	81.4	97.1		
1932	162	31,402,399	17	6,628,228	10.5	21.1	102	1,144	22,165,199	70.3	89.5	124	1,117	24,357,088	85.5	94.3		
1933	159	35,390,677	20	5,599,006	12.6	15.8	94	1,014	26,972,132	67.6	90.5	117	1,044	29,459,870	84.2	98.9		
1934	172	38,655,527	26	6,008,218	15.1	15.5	101	1,042	29,395,102	58.7	90.0	124	1,156	32,378,082	72.1	83.8		
1935	182	41,410,414	28	7,481,349	15.4	18.1	103	1,011	30,857,109	66.9	90.0	122	1,137	33,686,091	79.2	93.3		

\* July 1, 1924 to December 31, 1925.

TABLE 32—EXPLOSIVES USED IN STRIP MINES—SHIPPING MINES BY DISTRICTS AND LOCAL MINES FOR THE STATE.

District.	Tons mined by use of explosives.	Explosives used.				Tons mined where no explosives were used.	Total tons in strip mines.
		Powder—kegs.	Permissibles—pounds.	Pellet powder—pounds.	Dynamite—pounds.		
First .....	1,542,059	2,500		50,700	2,000		1,542,059
Second .....							
Third .....	963,951	2,727	41,723	600	1,869	600,817	1,564,763
Fourth .....							
Fifth .....	97,479			3,725	54,900		97,479
Sixth .....							
Seventh .....						6,845	6,845
Eighth .....							
Ninth .....	3,041,480		34,875	130,950		86,373	3,127,853
Tenth .....							
Eleventh .....	262,683			5,000			262,683
Twelfth .....	533,218			26,420	2,000		533,218
Total .....	6,440,870	5,227	76,598	217,395	60,769	694,035	7,134,905
Local mines .....	123,338	382	6	19,960	3,679	223,106	346,444
The State .....	6,564,208	5,609	76,604	237,355	64,448	917,141	7,481,349

TABLE 33—EXPLOSIVES USED IN LOCAL MINES—BY DISTRICTS.

District.	Kind of explosive.				Tons mined by—			Total tons.
	Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Machine.	Hand.	Strip.	
First .....	15,740	29,960	2,390		179,032	301,532	179,190	659,754
Second .....	19,771	64,175			336,920	147,757	1,700	486,377
Third .....	17,110	14,450	115		165,920	253,240	14,455	433,615
Fourth .....	12,842	4,385			123,811	208,302		332,113
Fifth .....	12,824	10,006		18,666	139,449	219,791	3,283	362,528
Sixth .....	1,014	2,100			4,910	40,857	370	46,137
Seventh .....	3,913	14,650	100		265,656	59,971	3,420	328,147
Eighth .....	11,485	39,730	50		56,690	295,139	125,810	477,639
Ninth .....	4,743	11,950			60,873	78,466	2,202	141,541
Tenth .....							957	957
Eleventh .....	3,305	14,080	3,450		49,168	42,837	7,014	99,019
Twelfth .....	9,314	42,400			49,387	177,612	8,038	235,037
Total .....	112,061	247,886	6,105	18,666	1,431,816	1,824,604	346,444	3,602,864

TABLE 34—SHIPPING MINES USING MECHANICAL LOADING DEVICES.

Item Number.	Name of operator.	District.	Total tonnage produced.			Loading machines.			Conveyors.			Hand loading.		
			Number in use.	Days worked.	Tonnage loaded.	Number in use.	Days worked.	Tonnage loaded.	Number in use.	Days worked.	Tonnage loaded.	Men employed.	Days worked.	Tonnage loaded.
1	Bell & Zoller Coal and Mining Co., No. 1	10	1,209,929	208	1,209,929	21						90	131	488,276
2	Bell & Zoller Coal and Mining Co., No. 2	10	635,322	151	635,322	15								
3	Centralia Coal Co., No. 5	9	286,381	166	286,381	16								
4	Chicago, Wilmington & Franklin Coal Co., No. 1	10	1,357,812	14	1,357,812	14	166	16,494	4	166	16,494			
5	Chicago, Wilmington & Franklin Coal Co., No. 2	10	1,357,812	32	1,357,812	32	150	95,586	25	150	169,743			
6	Consolidated Coal Co. of St. Louis, No. 7, "New Monarch"	12	574,630	4	574,630	4	171	108,317				38	166	54,015
7	Consolidated Coal Co. of St. Louis, No. 7	12	722,832	10	722,832	10	166	520,615				225	201	396,178
8	Consolidated Coal Co. of St. Louis, No. 15	12	722,832	13	722,832	13	200	722,832				107	182	94,066
9	Greene Mining Co., No. 1	3	426,908	2	426,908	2	94	30,730						
10	Portfel Coal Co., No. 1	3	100,628	1	100,628	1	44	6,562						
11	Pranco Mining Corp., No. 1	12	344,334	6	344,334	6	131	162,519	54	186	307,889			
12	Franklin County Coal Corp., No. 5	10	487,803	6	487,803	6	131	162,519	10	183	53,947	22	186	36,445
13	Franklin County Coal Corp., No. 7	10	505,910	14	505,910	14	153	333,288	3	86	5,813	156	183	271,337
14	Franklin County Coal Corp., No. 7	12	166,801	1	166,801	1	53	11,308				113	157	166,809
15	Gillegie Coal Co.	6	268,349	8	268,349	8	185	163,286	31	231	268,349	132	119	155,493
16	Gundlach Coal Co.	8	163,286	8	163,286	8	185	163,286						
17	Hillsboro Coal Co.	6	170,571	1	170,571	1	25	2,301	30	158	114,067	88	69	56,504
18	Hone Coal Co., No. 8	9	2,301	1	2,301	1	25	2,301						
19	Ill-Mo. Coal Co.	9	13,740	1	13,740	1	100	16,486	4	137	13,740	80	100	67,869
20	Illinois-Peachontas Coal Co.	7	84,355	1	84,355	1	100	16,486						
21	Indiana & Illinois Coal Corp., No. 10	6	370,358	9	370,358	9	137	323,580	8	137	46,778			
22	Lumaghi Coal Co., No. 2	7	384,062	169	384,062	169	169	328,095	48	169	328,095	36	169	55,967
23	Macon County Coal Co.	5	174,859	7	174,859	7	165	255,982	1	90	9,110	169	207	165,749
24	Marion County Coal Co.	7	272,574	12	272,574	12	195	554,791						
25	Mt. Olive & Staunton Coal Co., No. 2	7	554,791	9	554,791	9	97	254,632						
26	Old Ben Coal Corp., No. 8	10	652,902	66	652,902	66	168	398,270						
27	Old Ben Coal Corp., No. 14	10	534,329	97	534,329	97	152	354,329						
28	Old Ben Coal Corp., No. 15	10	637,386	100	637,386	100	161	637,386						
29	Old Ben Coal Corp., No. 18	12	510,632	128	510,632	128	158	21,498						
30	Peabody Coal Co., No. 7	4	1,040,435	201	1,040,435	201	171	32,667	3	186	21,498	91	199	173,007
31	Peabody Coal Co., No. 8	4	996,399	199	996,399	199	171	32,667	5	171	32,667			
32	Peabody Coal Co., No. 9	4	876,642	171	876,642	171	150	85,058	10	150	85,058	10	159	14,719
33	Peabody Coal Co., No. 24	5	457,685	13	457,685	13	198	357,908						
34	Peabody Coal Co., No. 53	4	334,866		334,866				50	163	334,866			
35	Peabody Coal Co., No. 57	4	294,339		294,339				57	136	294,339			
36	Peabody Coal Co., No. 58	4	803,967	238	803,967	238								
37	Peabody Coal Co., No. 59	4	363,037		363,037				55	168	363,037			
38	Ferry Coal Co., "Carbon"	8	85,043		85,043				23	151	85,043			

39 Perry Coal Co., "St. Ellen"	8	306,122	5	239	297,010	4	73	9,112	40	208	58,384
40 Pschirrer & Sons	3	79,384	1	150	21,000	28	182	308,088	143	237	264,130
41 Rex Coal Co., No. 2	9	356,788	3	180	48,700	8	157	50,324	264	140	341,595
42 Seymour Coal Co.	12	396,812	3	118	82,358	104	217	179,025	16	185	21,947
43 Southern Coal, Coke & Mining Co., No. 7	8	204,551	12	231	204,551	117	219	595,452	914	133	982,189
44 St. Louis & O'Fallon Coal Co., No. 2	8	352,472	1	51	10,877	126	231	682,310	315	181	451,028
45 St. Louis Coal Co., "Florida"	9	200,972				70	225	369,943			
46 Superior Coal Co., No. 1	6	595,452				12	191	62,251			
47 Superior Coal Co., No. 2	6	682,310									
48 Superior Coal Co., No. 3	6	762,528									
49 Superior Coal Co., No. 4	6	369,943									
50 Union Colliery Co., "Kathleen"	9	603,087	20	131	603,087						
51 United States Fuel Co., "Bun"	5	1,044,440									
52 Valley Coal Co.	10	777,499	23	109	777,499						
53 Wallace Coal Co.	12	41,446	2	197	77,650	1	197	13,790			
54 Wason Coal Co., No. 1	11	401,990	2	34	10,962						
		24,908,665	325	145	12,896,807	1,301	165	7,759,559	3,060	166	4,312,299

TABLE 35—MECHANICAL LOADING FOR EIGHT YEARS—1928-1935.

Year.	Entire output.			Part of output.			Total.			Per cent of—	
	Mines.	Ma-chines.	Tons loaded.	Mines.	Ma-chines.	Tons loaded.	Mines.	Ma-chines.	Tons loaded.	Mines.	Tons loaded.
1928 .....	17	177	2,299,720	37	815	4,442,434	54	992	6,742,154	26.2	12.4
1929 .....	22	603	5,882,615	51	1,525	11,947,755	73	2,128	17,830,368	36.5	30.2
1930 .....	31	1,307	13,839,912	38	931	9,665,969	69	2,238	23,249,881	37.3	44.7
1931 .....	36	1,504	15,138,330	38	916	7,307,452	74	2,420	22,445,782	49.3	52.1
1932 .....	41	1,702	10,899,555	27	578	4,513,101	68	2,280	15,412,656	42.0	49.1
1933 .....	32	1,313	13,344,573	19	439	4,421,643	51	1,752	17,766,216	32.1	50.2
1934 .....	32	1,364	15,107,934	16	257	3,492,240	48	1,621	18,600,174	27.9	48.1
1935 .....	33	1,322	16,649,144	21	304	4,002,563	54	1,626	20,651,707	29.7	49.9

TABLE 36—METHOD OF LOADING IN SHIPPING MINES FOR EIGHT YEARS—1928-1935.

Year.	Loading machines.			By hand.		Strip mines.		Per cent of output loaded.		
	Mines.	Ma-chines.	Tons loaded.	Mines.	Tons loaded.	Mines.	Tons loaded.	By ma-chine.	By hand.	Strip mines.
1928 .....	54	992	6,742,154	137	43,298,013	15	4,244,017	12.4	79.8	7.8
1929 .....	73	2,128	17,830,368	160	35,995,126	17	5,250,501	30.2	60.9	8.9
1930 .....	69	2,238	23,249,881	139	22,526,391	15	6,220,336	44.7	43.3	12.0
1931 .....	74	2,420	22,445,782	114	14,078,400	16	6,548,798	52.1	32.7	15.2
1932 .....	68	2,280	15,412,656	104	9,361,515	17	6,628,228	49.1	29.8	21.1
1933 .....	51	1,752	17,766,216	88	12,025,455	20	5,599,006	50.2	34.0	15.8
1934 .....	48	1,621	18,600,174	98	14,047,135	26	6,008,218	48.1	36.3	15.6
1935 .....	54	1,626	20,651,707	100	13,277,358	28	7,481,349	49.9	32.1	18.0

TABLE 37—PHYSICAL AND MECHANICAL CHARACTERISTICS OF SHIPPING MINES.

Number.	County, district, name of operator and mine.	Post office address of mine.	Tons of coal produced.	Num- ber of seam.	Thick- ness of seam in feet.	Shaft, slope, drift or strip.	Depth of shaft in feet.	Long- wall or pillar and room.	Mining.	Haulage.	Hoisting.	Loading.	Open or closed rock dusted?
									Hand, machine or both.	Motor, mule or both.	Steam or electric.	Hand, machine or both.	
1	Bond County— Illinois-Peachontas Coal Co.	Peachontas	84, 355	6	7' 0"	Shaft	420 P. R.		Both	Both	Steam	Both	No
2	Bureau County— Spring Valley Coal Mining Co.	Spring Valley	42, 129	2	3' 6"	Shaft	456 L. W.		Hand	Mule	Steam	Hand	No
3	Christian County— Pana Coal Co.	Pana	107, 075	6	7' 6"	Shaft	729 P. R.		Hand	Both	Steam	Hand	No
	Peabody Coal Co., No. 7	Kineaid	1, 040, 435	6	6' 6"	Shaft	360 P. R.		Machine	Motor	Electric	Machine	No
	Peabody Coal Co., No. 8	Kineaid	996, 399	7	6' 6"	Shaft	370 P. R.		Machine	Motor	Electric	Both	Yes
	Peabody Coal Co., No. 9	Taylorville	876, 642	6	7' 0"	Shaft	417 P. R.		Machine	Motor	Electric	Both	Partly
	Peabody Coal Co., No. 58	Taylorville	803, 967	6	7' 0"	Shaft	446 P. R.		Machine	Motor	Steam	Machine	Yes
	Penwell Coal Mining Co.	Pana	85, 846	6	7' 6"	Shaft	732 P. R.		Both	Both	Steam	Hand	No
4	Clinton County— Beckemeyer Coal Co.	Beckemeyer	68, 837	6	7' 6"	Shaft	450 P. R.		Hand	Both	Steam	Hand	No
	Citizens Coal Co.	Breese	85, 142	6	7' 6"	Shaft	435 P. R.		Machine	Both	Steam	Hand	No
	Southern Coal, Coke & Mining Co., No. 9	New Baden	89, 439	6	7' 0"	Shaft	318 P. R.		Both	Motor	Steam	Hand	No
5	Franklin County— Bell & Zoller Coal & Mining Co., No. 1.	Zeigler	1, 209, 929	6	9' 0"	Shaft	400 P. R.		Machine	Motor	Steam	Machine	Yes
	Bell & Zoller Coal & Mining Co., No. 2.	Zeigler	635, 032	6	9' 0"	Shaft	350 P. R.		Machine	Motor	Steam	Both	Yes
	Chicago, Wilmington & Franklin Coal Co., No. 1	Orent.	679, 844	6	9' 6"	Shaft	520 P. R.		Machine	Motor	Steam	Both	Yes
	Chicago, Wilmington & Franklin Coal Co., No. 2	W. Frankfort	1, 387, 812	6	9' 2"	Shaft	500 P. R.		Machine	Motor	Electric	Both	Yes
	Franklin County Coal Corp., No. 5.	Herrin	487, 803	6	9' 6"	Shaft	365 P. R.		Machine	Both	Steam	Both	Yes
	Franklin County Coal Corp., No. 7.	Royalton	505, 910	6	9' 6"	Shaft	315 P. R.		Machine	Motor	Steam	Both	No
	Interstate Coal Co., No. 21	W. Frankfort	36, 879	6	9' 6"	Shaft	481 P. R.		Machine	Motor	Steam	Hand	Yes
	Old Ben Coal Corp., No. 8	W. Frankfort	652, 302	6	8' 8"	Shaft	443 P. R.		Machine	Motor	Electric	Machine	Yes
	Old Ben Coal Corp., No. 14	Buckner	534, 329	6	8' 11"	Shaft	450 P. R.		Machine	Motor	Electric	Machine	Yes
	Old Ben Coal Corp., No. 15	W. Frankfort	637, 386	6	8' 10"	Shaft	418 P. R.		Machine	Motor	Steam	Machine	Yes
	Peabody Coal Co., No. 19	W. Frankfort	438, 930	6	9' 0"	Shaft	490 P. R.		Machine	Both	Steam	Hand	Yes
	Valer Coal Co., No. 1	Valer	777, 499	6	7' 6"	Shaft	600 P. R.		Machine	Motor	Electric	Machine	Yes

TABLE 37—Continued.

[illegible]

11	Macon County— Macon County Coal Co	Decatur	174, 859	5	4'	6" Shaft	624 Both	Machine	Both	Steam	Both	Open	No
12	Macoupin County— Consolidated Coal Co., No. 7 Gillespie Coal Co., No. 15 Mt. Olive Coal Co. Mt. Olive Coal Co. South Mine Coal Co. Superior Coal Co., No. 1 Superior Coal Co., No. 2 Superior Coal Co., No. 3 Superior Coal Co., No. 4 Virden Coal Co.	Staunton Mt. Olive Gillespie Mt. Olive Carlinville Gillespie Gillespie Gillespie Gillespie Virden	106, 317 722, 832 268, 349 100, 009 9, 138 595, 452 682, 310 762, 528 369, 943 61, 051	6	7'	0" Shaft 6" Shaft 6" Shaft 6" Shaft 6" Shaft 6" Shaft 6" Shaft 6" Shaft 6" Shaft 6" Shaft	365 P. R. 375 P. R. 347 P. R. 420 P. R. 260 P. R. 338 P. R. 321 P. R. 347 P. R. 314 P. R. 326 P. R.	Machine Machine Machine Machine Hand Machine Machine Machine Machine Machine	Motor Motor Both Both Mule Both Both Both Motor Both	Steam Steam Electric Steam Steam Steam Steam Steam Steam Steam	Machine Machine Machine Machine Hand Machine Machine Machine Machine Machine	Open Open Open Open Open Open Open Open Open Open	No No No No No No No No No No
13	Madison County— Bullock Mining Co. Chicopee Coal Co. Livingston-Mt. Olive Coal Co., No. 1 Lumachi Coal Co., No. 2 Madison County Coal & Mining Co. Mt. Olive & Staunton Coal Co., No. 2 Stiers Bros. Construction Co.	Collinsville Troy Livingston Collinsville Edwardsville Staunton More	33, 744 70, 820 189, 028 384, 062 135, 500 554, 791 6, 845	6	5'	6" Shaft 6" Shaft 6" Shaft 6" Shaft 6" Shaft 6" Shaft 6" Shaft	165 P. R. 287 P. R. 287 P. R. 197 P. R. 230 P. R. 325 P. R.	Hand Machine Hand Machine Both Machine Machine	Mule Both Motor Both Motor Both Both	Steam Steam Steam Steam Steam Steam Steam	Hand Hand Hand Both Hand Machine Machine	Open Open Open Open Open Open Open	No No No No No No Yes
14	Marion County— Marion County Coal Co. Olin Coal Co.	Centralia Olin	272, 574 69, 562	6	6'	6" Shaft 6" Shaft	600 P. R. 714 P. R.	Machine Both	Both Both	Steam Steam	Both Both	Open Open	No No
15	Montgomery County— Hillsboro Coal Co. Indiana & Illinois Coal Corp., No. 10	Hillsboro Nokomis	170, 571 370, 358	6	7'	6" Shaft 6" Shaft	472 P. R. 640 P. R.	Hand Machine	Both Motor	Steam Electric	Both Machine	Open Open	No No
16	Peoria County— Crescent Mining Co., No. 1 Crescent Mining Co., No. 6 Derthal Coal Co., No. 1 Glenwood Mining Co.	Peoria Peoria Hanna City Edwards	426, 908 611, 663 117, 910 65, 959	5	4'	4" Slope 4" Slope 4" Shaft 4" Drift	P. R. P. R. 240 P. R. P. R.	Machine Machine Machine Both	Both Both Both Both	Electric Electric Electric Electric	Both Hand Hand Both	Open Open Open Open	No No No No
17	Perry County— Bailey Bros. Coal Co. Beaucourt Coal Co. Bibb Coal Co. Briar Hill Coal Mining Co., No. 45 Conant Coal Co. Coulterville Coal Co. Crenar-Clunch Coal Co., No. 14 Crenar-Clunch Coal Co., No. 15 Cutler Coal Co., Inc.	DuQuoin Pinckneyville Pinckneyville Pinckneyville Conant Coulterville DuQuoin DuQuoin DuQuoin Cutler	4, 755 18, 674 2, 791 43, 635 8, 371 46, 067 479, 535 136, 850 101, 753	6	5'	0" Shaft 6" Shaft 6" Shaft 6" Shaft 6" Shaft 6" Shaft 6" Shaft 6" Shaft 6" Shaft	80 P. R. 145 P. R. 85 P. R. 146 P. R. 115 P. R. 287 P. R. 412 P. R. 120 P. R.	Hand Hand Hand Hand Both Hand Both Machine	Mule Mule Mule Both Mule Both Both Both	Steam Steam Steam Steam Steam Steam Steam Steam Steam	Hand Hand Hand Hand Both Hand Hand Hand	Open Open Open Open Open Open Both Open	No No No No No No Yes No



Perry Coal Co., "Carbon"	85, 043	6	7' 0" Shaft	187 P. R.	Hand	Both	Steam	Machine	Open	No
Perry Coal Co., "St. Ellen"	306, 122	6	7' 0" Shaft	210 P. R.	Machine	Both	Steam	Machine	Open	No
Prarie Coal Co.	126, 961	6	6' 6" Shaft	212 P. R.	Hand	Both	Steam	Machine	Open	No
Quality Coal & Mining Co.	38, 089	6	7' 0" Shaft	180 P. R.	Hand	Both	Electric	Hand	Open	No
Rentahler Fuel Co.	15, 829	6	6' 6" Shaft	110 P. R.	Hand	Both	Steam	Hand	Open	No
St. Louis & O'Fallon Coal Co.	352, 472	6	6' 6" Shaft	212 P. R.	Machine	Both	Steam	Both	Open	No
Service Coal Co.	46, 483	6	0' Shaft	118 P. R.	Hand	Both	Steam	Hand	Open	No
Southern Coal, Coke & Mining Co., No. 6	48, 894	6	6' 6" Shaft	150 P. R.	Hand	Both	Electric	Machine	Open	No
Southern Coal, Coke & Mining Co., No. 7	204, 551	6	6' 6" Shaft	128 P. R.	Machine	Both	Steam	Machine	Open	No
Vinegar Hill Coal Co.	74, 240	6	6' 6" Shaft	90 P. R.	Hand	Both	Steam	Hand	Open	No
White Coal Co.	67, 344	6	6' 0" Slope	..... P. R.	Hand	Both	Steam	Hand	Open	No
21 Saline County—										
Blue Bird Coal Co.	262, 683	5	4' 8" Strip	420 P. R.	Machine	Motor	Steam	Hand	Closed	Yes
Carrier Mills	614, 087	5	4' Shaft	465 P. R.	Machine	Motor	Steam	Machine	Closed	No
Peabody Coal Co., No. 47	356, 788	5	0' Shaft	311 P. R.	Hand	Both	Steam	Hand	Open	No
El Dorado	359, 152	5	0' Shaft	245 P. R.	Hand	Both	Steam	Hand	Open	No
Harrisburg	392, 079	5	3' 0" Shaft	245 P. R.	Hand	Both	Steam	Hand	Open	No
Sahara Coal Co., No. 1	359, 152	5	3' 0" Shaft	406 P. R.	Hand	Both	Steam	Hand	Open	No
Sahara Coal Co., No. 3	359, 123	5	4' 10" Shaft	413 P. R.	Hand	Both	Steam	Hand	Open	No
Sahara Coal Co., No. 10	412, 136	5	5' 0" Shaft	413 P. R.	Hand	Both	Steam	Hand	Open	No
Sahara Coal Co., No. 12	20, 082	5	4' 8" Slope	..... P. R.	Hand	Motor	Electric	Hand	Open	No
Wasson Coal Co., "A"	461, 990	5	3' 6" Slope	325 P. R.	Machine	Both	Steam	Hand	Open	No
Harrisburg	.....	5	.....	.....	.....	.....	.....	.....	.....	.....
22 Sangamon County—										
Central Illinois Mining Co., "A"	322, 974	5	5' 6" Shaft	201 P. R.	Hand	Both	Electric	Hand	Open	No
Jefferson Coal Mining Co., No. 81	33, 356	5	3' 10" Shaft	250 P. R.	Hand	Both	Electric	Hand	Open	No
Mid State Coal Co., No. 81	34, 004	5	6' 0" Shaft	245 P. R.	Hand	Both	Electric	Hand	Open	No
Mine B Coal Co.	249, 495	5	5' 6" Shaft	206 P. R.	Hand	Both	Electric	Hand	Open	No
Panther Creek Mines, No. 1	273, 316	5	5' 8" Shaft	156 P. R.	Hand	Both	Steam	Hand	Open	No
Panther Creek Mines, No. 5	267, 335	5	3' 10" Shaft	250 P. R.	Hand	Both	Steam	Hand	Open	No
Peabody Coal Co., No. 4	334, 866	5	5' 9" Shaft	250 P. R.	Machine	Both	Electric	Machine	Open	Yes
Peabody Coal Co., No. 53	294, 339	5	5' 6" Shaft	239 P. R.	Machine	Both	Steam	Machine	Open	Yes
Peabody Coal Co., No. 57	363, 037	5	5' 8" Shaft	239 P. R.	Machine	Both	Steam	Machine	Open	Yes
Peabody Coal Co., No. 59	162, 059	5	5' 10" Shaft	265 P. R.	Hand	Both	Steam	Hand	Open	No
Sangamon Coal Co., No. 2	.....	5	.....	.....	.....	.....	.....	.....	.....	.....
23 Shelby County—										
Erie Sootless Coal Co.	7, 179	5	5' 0" Shaft	650 P. R.	Machine	Both	Steam	Hand	Closed	Partly
24 Tazewell County—										
Lake Erie Mining Co.	107, 417	5	4' 2" Slope	P. R.	Machine	Both	Electric	Hand	Open	No
Ubben Coal Co.	33, 402	5	4' 6" Shaft	90 P. R.	Machine	Motor	Electric	Hand	Open	No
25 Vermilion County—										
F. C. Morgan Coal Co.	22, 771	7	5' 0" Strip	..... P. R.	Machine	Mule	Electric	Hand	Open	No
Oakwood Coal Co.	23, 457	7	5' 0" Slope	..... P. R.	Machine	Both	Steam	Both	Open	No
Peabody Coal Co.	457, 985	6	6' 0" Shaft	218 P. R.	Machine	Both	Electric	Hand	Open	No
Pyramid Coal Corp., Coal Strip No. 2	74, 768	6	5' 0" Strip	..... P. R.	Machine	Mule	Electric	Hand	Open	No
Skelton, J. G., Coal Co.	1, 163	7	5' 6" Slope	P. R.	Hand	Mule	Electric	Hand	Open	No
Tilton Mining Co.	51, 026	6	7' 0" Slope	P. R.	Machine	Mule	Electric	Hand	Open	No
United States Fuel Co., "Bun"	1, 044, 440	6	6' 3" Shaft	213 P. R.	Machine	Both	Electric	Both	Open	No



TABLE 38—SUMMARY OF THE VARIOUS SEAMS OF COAL, KIND OF OPENING, MANNER OF WORKING AND TONS PRODUCED FROM EACH SEAM.

Number of seam.	Number of—		Kind of opening.				Manner of working.		Production in tons.
	Counties.	Mines.	Shaft.	Drift.	Slope.	Strip.	Pillar and room.	Longwall.	
One.....	17	77	34	9	34	.....	77	.....	732,027
Two.....	26	232	38	83	53	.....	163	.....	2,246,372*
Three.....	9	22	7	3	10	.....	19	10	1,116,971
Four.....	26	423	104	103	191	.....	398	1	9,743,337*
Five.....	39	414	228	43	96	.....	367	.....	30,686,371
Six.....	11	182	19	44	93	.....	156	.....	1,481,960
Total.....	.....	1,350	430	285	477	158	1,178*	12	45,013,278*

\* Note: One LaSalle County operator reports production from both Nos. 2 and 5 seams, worked by both Longwall and Room-and-pillar methods.

One Macon County operator worked by both Longwall and Room-and-pillar methods.

TABLE 39—LIST OF FATALITIES, 1935.

Name of person killed.	Occupation.	Residence.	Date of accident.	Date of death.	Cause of death.	By whom employed.
Bartelli, Joe.....	Timberman.....	Westville.....	Dec.	18 Dec.	18 Fall of rock.....	U. S. Fuel Co., "Bun."
Bordo, Eli.....	Driver.....	Sparta.....	Feb.	21 Feb.	21 Crushed by car.....	Moffatt Coal Co.
Brashear, Theodore.....	Switchman.....	Johnston City.....	Nov.	2 Nov.	3 Crushed between cars.....	Old Ben Coal Corp., No. 18.
Bryant, Omar.....	Miner.....	Danville.....	Jan.	21 Jan.	29 Fall of rock.....	P. J. Dowdatt & Son Coal Co.
Burison, Louis.....	Track layer.....	Benton.....	May	16 May	18 Crushed by car.....	C. W. & F. Coal Co., No. 2.
Buser, William.....	Motorman.....	Galatia.....	Oct.	21 Oct.	21 Electrocutation.....	Peabody Coal Co., No. 47.
Carson, Harry Walter.....	Motorman.....	Peoria.....	Dec.	20 Dec.	20 Electrocutation.....	Crescent Mining Co., No. 6.
Cherrier, Albert P.....	Miner.....	Bethalto.....	Feb.	22 Feb.	22 Fall of coal.....	Sunshine Coal Co.
Couriaux, John F.....	Driver.....	Springfield.....	Oct.	26 Oct.	26 Struck head on roof.....	Peabody Coal Co., No. 59.
Craigmyle, Robert George.....	Driller and shooter.....	Muncie.....	Oct.	9 Oct.	9 Shot blew tamping.....	F. C. Morgan Coal Co.

TABLE 39—Concluded.

Name of person killed.	Occupation.	Residence.	Date of accident.	Date of death.	Cause of death.	By whom employed.
Davis, Barney.	Motorman.	Johnston City.	Aug.	8 Aug.	Crushed by cars.	Franco Mining Corp., No. 1.
Davis, McKinley.	Miner.	Paulton.	Nov.	16 Nov.	Fall of rock.	Schillinger & Parton.
Denson, Jack.	Miner.	Carroll Mills.	Mar.	22 Mar.	Injured while drilling.	Sahara Coal Co., No. 12.
Eddy, William J.	Timberman.	Ballerie.	Dec.	17 Dec.	Fall of slate.	Gundlach Coal Co.
Edwards, George W.	Shot firer.	Woodhull.	Dec.	16 Dec.	Dust explosion.	Shuler Coal Mining Co.
Fant, David B.	Laborer.	Stanton.	Nov.	1/24 Jan.	Pneumonia from injuries.	Mt. Olive & Stanton Coal Co.
Francisco, Dominic.	Miner.	Johnston City.	Dec.	24/24 Feb.	Blood poison.	Franco Mining Corp., No. 1.
Ganey, Omar.	Miner.	Greve Coeur.	Mar.	11 Mar.	Fall of rock.	Coal Creek Coal Co.
Gorman, William G.	Machine helper.	Collinsville.	Feb.	15 Feb.	Fall of clod.	Bunker Hill C. & M. Co.
Hale, Charlie.	Driver.	Georgetown.	Mar.	27 Mar.	Crushed between mule and car.	Peabody Coal Co., No. 24.
Harrison, Martin.	Miner.	Carbondale.	Sept.	9 Sept.	Fall of slate.	Jackson County Coal Co.
Haery, John Patrick.	Driver.	Energy.	Jan.	3 Jan.	Struck head on roof.	Franklin Co. Coal Co., No. 5.
Heddlie, George.	Miner.	Taylorville.	Nov.	29 Nov.	Fall of sand rock.	Peabody Coal Co., No. 9.
Heinrich, Frank.	Face boss.	Johnston City.	July	3 July	Struck by falling prop.	Old Ben Coal Corp., No. 18.
Heitzman, Clarence Wesley.	Miner.	Kewanee.	Oct.	17 Oct.	Fall of rock.	Wm. T. Lamb & Son.
Hertz, Albert.	Driver.	Bartonville.	Mar.	2 Mar.	Crushed by car.	Hollis Coal Co.
Hines, Ernest.	Top man.	Rushville.	Dec.	18 Dec.	Fell from tippie.	Wheelhouse Coal Co.
Hornuth, Otto.	Miner.	Ellisville.	Dec.	24 Dec.	Fall of clod.	Glore Coal Co.
Hurley, Allen J.	Loader.	West Frankfort.	Jan.	24 Jan.	Fall of coal.	Old Ben Coal Corp., No. 15.
Hutchinson, Walter.	Miner.	Catlin.	Oct.	16 Nov.	Fall of rock.	Rippon Coal Co.
Jisa, John.	Loader.	Marton.	Oct.	24 Oct.	Fall of rock.	Peabody Coal Co., No. 47.
Johns, Willard.	Miner.	Coal City.	Feb.	15 Feb.	Fall of rock.	Skinner Coal Co.
Jones, Elmer Louis.	Trip rider.	Dowell.	Dec.	13 Dec.	Crushed by cars.	Union Colliery Co., "Kathleen."
Kall, Tony.	Repair man.	Herrin.	Oct.	26 Oct.	Crushed by motor.	Franklin Co. Coal Corp., No. 3.
Kinney, Oral.	Driver.	Springfield.	Nov.	9 Nov.	Kicked by mule.	Cent. Ill. Mining Co., "A."
Kline, John, Jr.	Trip rider.	Fithian.	Oct.	1 Oct.	Fall of coal.	Crawford Coal Co.
Knot, Raymond M.	Trip rider.	Eldorado.	Sept.	30 Sept.	Crushed by car.	Sahara Coal Co., No. 10.
Krusus, Philip.	Miner.	Avon.	Nov.	26 Nov.	Fall of clod.	Glore Coal Co.
Krusus, Thomas.	Miner.	West Frankfort.	Oct.	23 Nov.	Fall of clod.	Old Ben Coal Corp., No. 8.
Linsinko, Mike.	Gang loader.	Harco.	May	31 Aug.	Injured while lifting chunk of coal.	Peabody Coal Co., No. 47.
MacDonald, Ed.	Driller, shot firer.	Sparta.	Dec.	21 Dec.	Fall of coal.	Elgin Coal Co.
Maebres, Henry.	Trip rider.	Benton.	Dec.	27 Dec.	Fall of rock.	Old Ben Coal Corp., No. 14.
Maibon, John.	Track layer.	Zeigler.	Mar.	15 Mar.	Killed by shot.	Ball & Zoller C. & M. Co., No. 2.
Maibon, Michael.	Trip rider.	Buckner.	Oct.	15 Oct.	Crushed by car.	Old Ben Coal Corp., No. 14.
Mahearn, Louis.	Machine runner.	Collinsville.	July	25 Aug.	Fall of clod.	Gundlach Coal Co.
Mayer, Ferdinand.	Miner.	Mascoutah.	June	19 June	Fall of slate.	Schubert Coal Co.
Milnes, Charles.	Miner.	Collinsville.	Apr.	16 Apr.	Fall of slate.	Lumadit Coal Co.
Mingini, Paul.	Trip rider.	Rockton.	Jan.	1 Jan.	Causes unknown.	Franklin Co. Coal Co., No. 7.
Mor, Charles.	Machine helper.	Rockton.	Jan.	17 Jan.	Crushed by car.	Klondike Coal Co.
	Miner.	Gilspie.	July	23 July	Fell into shaft.	

Nauckaitis, George	Miner	Collinsville	Oct.	24 Oct.	29 Fall of coal	Collinsville Coal Corp., No. 1.
Novey, Joseph	Miner	Wilsonville	Jan.	30 Jan.	30 Causes unknown	Superior Coal Co., No. 4.
O'Brien, Joseph	Laborer	Annawan	Sept.	13 Sept.	13 Electrocuting	Midland Elec. Coal Corp., No. 1.
Ogilvie, Robert	Gang man, driver	Christophers	Nov.	8 Nov.	9 Caught by cars	Greer-Clinch Coal Co., No. 14.
Ollis, Clarence	Motorman	Johnston City	Sept.	5 Sept.	5 Fall of rock	Old Ben Coal Corp., No. 18.
Pattinson, Robert, Jr.	Miner	Harrisburg	May	6 May	6 Fell from cage	Peabody Coal Co., No. 47.
Pereval, Eugene W.	Timberman	Taylorville	Oct.	8 Oct.	8 Injured lifting boulder	Peabody Coal Co., No. 8.
Pettus, Ed D.	Track layer	West Frankfort	Mar.	30 Apr.	2 Cerebral hemorrhage following injuries	Old Ben Coal Corp., No. 8.
Purell, Jess	Construction worker	Eldorado	Feb.	22 Feb.	22 Collision of motors	Sahara Coal Co., No. 10.
Ramsey, John	Timberman, tracklayer.	Christophers	Mar.	12 Mar.	12 Causes unknown	Valley Coal Co., No. 1.
Reed, Virgil	Apprentice miner	London Mills	Mar.	27 Mar.	27 Fall of old	Link Strode Coal Mine.
Reeder, Theodore	Loader	Eldorado	Mar.	18 Mar.	18 Fall of water ship	Wascon Coal Co., No. 1.
Reel, James A.	Driver	South Wilmington	Oct.	10/34 Feb.	25 Caught between car and rib	Skinner Coal Co.
Rhoades, Clarence	Shovel oiler	Marion	July	29 July	30 Fell from shovel	Delta Coal & Mining Co.
Ruehbach, Peter	Miner	Ogleby	Aug.	20 Aug.	23 Fall of rock	Union Coal Co.
Rice, William R.	Driller	Mulkeytown	Oct.	9 Oct.	9 Electrocuting	C. W. & F. Coal Co., No. 2.
Richardson, William	Motorman	Eldorado	Oct.	11 Oct.	11 Fall of rock	Sahara Coal Co., No. 10.
Rinkus, Tony	Trip rider	Edwardsville	Jan.	5 Jan.	5 Crushed by cars	Madison Co. C. & M. Co., No. 4.
Rowland, George	Shot firer	Christophers	June	13 June	13 Struck by empty carbox shell	Bell & Zoller C. & M. Co., No. 1.
Seifert, Herbert G.	Miner	Venedy	Feb.	11 Feb.	16 Blood poison from injuries	Venedy Coal Co.
Sexton, Claude	Loading mach. operator	Herrin	May	31 May	31 Fall of coal	Seymour Coal Co.
Short, Walter Robinson	Machine runner	Peoria	Apr.	15 Apr.	18 Fall of slate	Manhattan Coal Co.
Smith, James	Mine Examiner	Danville	Nov.	4 Nov.	5 Fall of rock	Tilton Mining Co.
Steinheimer, Fred	Triprider	Thompsonville	Jan.	28 Jan.	28 Crushed by cars	Peabody Coal Co., No. 47.
Swope, Elton J.	Loading mach. operator	Stonington	May	18 May	18 Fall of rock	Peabody Coal Co., No. 7.
Tilola, Frank	Top man	Elmira	Jan.	31 Feb.	1 Explosion gas tank	H. Bates, No. 1.
Walker, Hardy	Loading mach. helper	Farmington	Nov.	1 Nov.	1 Fell into shaft	Rapatee Coal Co.
Watkins, John T.	Mine Examiner	Taylorville	May	18 May	18 Fall of rock	Peabody Coal Co., No. 7.
Weaver, Columbus	Motorman	West Frankfort	Nov.	1 Nov.	1 Collision of motors	Old Ben Coal Corp., No. 8.
Whitlow, Gilbert	Motorman	Gillespie	July	27 July	31 Fell from motor	Franco Mining Co., No. 1.
Yaris, Ike	Miner	Springfield	May	13 May	23 Crushed between motor and prop	Superior Coal Co., No. 3.
			Nov.	23 Nov.	23 Causes unknown	Saugamon Coal Co., No. 2.

TABLE 40—FATAL ACCIDENTS, BY DISTRICTS AND CAUSES.

District.	Underground.						On surface.			Grand total.
	Falls of roof and sides.	Haulage.	Electricity.	Explosives.	Other causes.	Total.	Machinery.	Other causes.	Total.	
First.....	3	1		1		5		1	1	6
Second.....	3	1	1			4	1		1	5
Third.....	3					3		2	2	5
Fourth.....	3				4	7				7
Fifth.....	5			1	1	7				7
Sixth.....		1			1	2				2
Seventh.....	4	1			2	7				7
Eighth.....	3				1	4				4
Ninth.....	3	3			1	6				6
Tenth.....	2	5	1	2	4	14				14
Eleventh.....	4	3	1		2	10				10
Twelfth.....	3	2			2	7		2	2	9
Total.....	34	17	3	4	18	76	1	5	6	82

TABLE 41—FATAL ACCIDENTS, BY OCCUPATIONS AND CAUSES.

Occupation.	Underground.						On surface.			Grand total.
	Falls of roof and sides.	Haulage.	Electricity.	Explosives.	Other causes.	Total.	Machinery.	Other causes.	Total.	
Driller.....		1	1	2		4				4
Driver.....		4			3	7				7
Face boss.....	1					1				1
Laborer.....	1	1				2				2
Loader.....	4				1	5		1	1	6
Machine helper.....	2				1	3				3
Machine runner.....	4					4				4
Mine examiner.....	1	1				2				2
Miner.....	16				9	25				25
Motorman.....	2	3	2			7				7
Oilier.....						1		1	1	1
Repairman.....		1				1				1
Shot firer.....				2		2				2
Switchman.....					1	1		1	1	1
Timberman.....	2					3				3
Topman.....		1			2	4	1	2	3	3
Track layer.....	1	5				6				6
Trip rider.....					1	1				1
Totals.....	34	17	3	4	18	76	1	5	6	82

TABLE 42—FATAL ACCIDENTS BY MONTHS.

Month.	Districts—shipping mines.													Local mines.		Total fatalities.
	First.	Second.	Third.	Fourth.	Fifth.	Sixth.	Seventh.	Eighth.	Ninth.	Tenth.	Eleventh.	Twelfth.	Total.	District.	Number killed.	
January.....						1	2			2	1		6	3 5	1 1	8
February.....									1		1	1	3	7 8	2 1	9
March.....					1					2	3		6	3 5	1 1	10
April.....										1			1	8	1	3
May.....				2		1				1		1	5			5
June.....							1	1		1	1		4			4
July.....												3	3	7	1	4
August.....	1										2		4			4
September.....	1										1	1	3	9	1	4
October.....				2	1					3	3		9	1 5	1 1	12
November.....				3	1			1	1	2		1	9	3 12	2 1	12
December.....	1	1			1			1	1				5	3 9	1 1	7
Total—shipping mines.....	3	1	0	7	4	2	3	3	3	14	10	8	58		24	82
Total—Local mines.....	4	3	5		3		4	2	2			1	24			
Total—All mines.....	7	4	5	7	7	2	7	5	5	14	10	9	82			

TABLE 43—CONJUGAL RELATION OF THE MEN KILLED AND TONS MINED AND NUMBER EMPLOYED TO ONE KILLED, AND FATALITIES PER 1,000,000 TONS MINED AND PER 1,000 EMPLOYEES.

District.	Number killed.	Conjugal relations.					Tons mined to one killed.	Number employed to one killed.	Number killed.	
		Married.	Single.	Widows.	Children.	Dependents.			Per 1,000,000 tons mined.	Per 1,000 employed.
First.....	6	5	1	5	8	13	431,738	566	2.3	1.8
Second.....	5	2	3	2	3	6	389,285	556	2.6	1.8
Third.....	5	2	3	2	2	5	529,902	553	1.9	1.8
Fourth.....	7	7		7	11	18	939,694	939	1.1	1.1
Fifth.....	7	5	2	5	14	19	315,681	508	3.2	2.0
Sixth.....	2	1	1	1	3	4	2,136,087	2,391	0.5	0.4
Seventh.....	7	6	1	6	0	6	304,207	403	3.3	2.5
Eighth.....	4	3	1	3	2	6	685,077	924	1.5	1.1
Ninth.....	6	5	1	4	16	22	935,789	779	1.1	1.3
Tenth.....	14	13	1	13	12	25	570,437	494	1.8	2.0
Eleventh.....	10	6	4	6	13	19	329,785	425	3.0	2.4
Twelfth.....	9	8	1	8	8	17	332,867	320	3.0	3.1
Total.....	82	63	19	63	92	160	548,907	599	1.8	1.7

TABLE 44—CAUSES OF FATAL ACCIDENTS BY YEARS—1882-1935.

Year.	Underground.							In shaft.				On surface.			
	Total number killed.	Falls of roof and sides.	Gas explosions.	Haulage.	Electricity.	Explosives.	Other causes.	Falling down shaft.	Cage.	Other causes.	Total.	Machinery.	Railway cars.	Other causes.	Total.
1882	40	26				5	9	40							
1883	134	40				2	78	134							
1884	46	29	12	2		6	7	46							
1885	39	20	4				†19	39							
1886	52	32				10		47	1		4	5			
1887	41	25					†13	41							
1888	54	33		6		9		48	4	2	6				
1889	42	26				3	1	35	2	4	1	7			
1890	52	36	5	3		4		48		4	4				
1891	58	33	4	2		11	1	51	1	4	2	7			
1892	56	25	3	6		4	3	44	8	4	12				
1893	68	48	2	2		6	2	60	3	4	1	8			
1894	70	43		6		8		57	5	8	13				
1895	75	38	5	6		12	2	63	5	4	1	10	1	1	2
1896	77	41	2	9		9	2	63	6	5	11	1	1	1	3
1897	69	46	2	1		11		60	6		1	7	1	1	2
1898	75	43	7	3		11	2	66	4	2	6	1	1	1	3
1899	84	51	5	6		6	6	74	4	5	9	1	1	1	1
1900	94	51	1	11		20		83	1	4	2	7	2	2	4
1901	99	57	1	14		20	3	95	1	1	2			2	2
1902	99	55		15		17	1	88	7	2	9			2	2
1903	156	77	8	18	1	41	2	147	2	6	8			1	1
1904	157	65		21	1	44	3	134	10	4	14	6	2	1	9
1905	199	80	59	11	1	32	3	186	5	6	1	12		1	1
1906	155	84	2	22		22	1	131	9	5	1	15	3	4	9
1907	165	84	4	29	1	25	2	145	6	8	14	4	4	2	6
1908	183	91	7	35	1	29	1	164	3	1	3	7	4	8	12
1909	213	84	44	30	2	29	1	190	5	4	1	10	3	8	23
1910	406	65	20	23	3	17	258	386	3	6	9	3	5	3	11
1911	157	80	8	40	1	10	4	143	5	2	2	9		2	3
1912	180	98	3	38	3	13	12	167	6	3	9			2	2
1913	175	81	10	50	6	10	5	162	5	4	1	10		2	1
1914	159	83	6	40	6	6	7	148	2	1	3			4	4
1915	180	57	68	27	2	9	12	175	1	2	3			2	2
1916	165	80	12	43	4	13	1	153	4		4			6	8
1917	207	77	19	67	7	12	3	185		4	1	5	5	9	17
1918	259	100	27	70	13	20	4	234	8	8	2	18		4	3
1919	208	93	31	51	7	12	1	195	4	2	10			2	1
1920	181	91	7	41	14	9	5	167	8	2	10	1	2	1	4
1921	222	112	6	54	9	20	8	209	2	4	6	1	4	2	7
1922	159	71	15	29	8	17	7	147	2	1	3	6		5	1
1923	161	82	2	40	6	13	6	149	3	1	1	5		4	3
1924	184	76	40	37	5	10	8	176	2		2	4	2	2	4
1925†	183	89	5	46	12	11	9	172	1	2	3	3	3	2	8
1926	165	85	13	39	5	7	4	153	7	1	1	9	1	1	3
1927	106	44	17	18	5	5	8	97	3	1	4	2	2	1	5
1928	139	72	23	21	2	6	5	129	1	1	2	1	4	3	8
1929	109	52	8	24	5	6	5	100	1	2	3	2	2	2	6
1930	112	72	4	20	3	2	5	106		1	1	1	2	2	5
1931	90	54	2	15	6	2	5	84		4			1	1	2
1932	114	33	54	10		4	4	105					4	5	9
1933	71	45	1	12	3	3	3	67	3		3		1		1
1934	86	48		18	5	2	5	78				3		5	8
1935	82	34	1	17	3	3	15	73	2	1	3	1	1	4	6
Average—54 years	126	59	11	21	3	12	11	117	3	3	1	6	1	2	4

\* Sixty-nine men were drowned in the Braidwood mine disaster.

† Other causes not classified.

‡ From July 1, 1924 to December 31, 1935.

TABLE 45.—SHIPPING MINES IN WHICH FATALITIES OCCURRED—SHOWING NUMBER KILLED, OUTPUT OF MINES, NUMBER EMPLOYED, RATIO OF FATALITIES TO OUTPUT AND EMPLOYEES, METHOD OF MINING, UNDERGROUND HAULAGE, LOADING, ETC.

Operator.	Number of				Tons mined to one man fatality.	Mining.	Haulage.	Loading.	Lights.	Rock dust.
	Dis- trict.	Killed.	Tons mined.	Em- ployees.						
Bell & Zoller Coal & Mining Co., No. 1	10	1	1,209,929	554	1,209,929	554 Machine	Motor	Machine	Closed	Yes
Bell & Zoller Coal & Mining Co., No. 2	10	1	635,932	649	635,932	Machine	Motor	Both	Closed	Yes
Central Illinois Coal Mining Co., "A"	4	1	322,974	312	322,974	465 Machine	Both	Hand	Open	No
C. W. & F. Coal Co., No. 2	10	2	1,387,812	930	693,906	Machine	Motor	Both	Closed	Yes
Crescent-Clinch Coal Co., No. 14	9	1	479,535	695	479,535	695 Both	Both	Hand	Both	No
Crescent Mining Co., No. 6	12	1	611,693	536	611,693	536 Machine	Both	Hand	Open	No
Delta Coal & Mining Co.	12	1	359,836	90	359,836	90 Strip mine	Strip mine	Both	Closed	Yes
Franco Mining Corp., No. 1	12	3	344,334	329	114,778	215 Machine	Motor	Both	Closed	No
Franklin Co. Coal Co., No. 5	10	2	487,803	430	243,902	446 Machine	Motor	Both	Closed	No
Franklin Co. Coal Co., No. 7	10	1	505,910	446	505,910	66 Hand	Both	Hand	Open	No
Freeburg Coal Co.	8	1	31,181	66	31,181	65 Machine	Both	Both	Open	No
Gundlach Coal Co.	8	2	163,256	129	81,643	353 Machine	Motor	Both	Open	No
Lunaugh Coal Co.	7	1	384,062	353	384,062	210 Both	Motor	Hand	Open	No
Madison Co. Coal & Mining Co.	7	1	135,500	210	135,500	100 Strip mine	Strip mine	Hand	Open	No
Midland Electric Coal Corp., No. 1	1	1	476,973	100	476,973	377 Machine	Both	Hand	Open	No
Moffat Coal Co.	9	1	239,166	377	239,166	22 Strip mine	Strip mine	Machine	Open	Yes
Morgan, F. C., Coal Co.	5	1	22,771	22	22,771	396 Machine	Both	Machine	Open	Yes
Mt. Olive & Staunton Coal Co.	7	1	554,791	396	554,791	172 Machine	Motor	Machine	Closed	Yes
Old Ben Coal Corp., No. 8	10	3	652,902	515	217,634	246 Machine	Motor	Machine	Closed	Yes
Old Ben Coal Corp., No. 14	10	2	534,329	491	267,165	495 Machine	Motor	Machine	Closed	Yes
Old Ben Coal Corp., No. 15	10	1	637,386	495	637,386	178 Machine	Motor	Machine	Open	Yes
Old Ben Coal Corp., No. 18	12	3	510,632	533	170,211	254 Machine	Motor	Machine	Open	Yes
Peabody Coal Co., No. 7	4	2	1,040,435	507	520,218	582 Machine	Motor	Both	Open	Yes
Peabody Coal Co., No. 8	4	1	996,399	582	996,399	491 Machine	Motor	Machine	Both	Partly
Peabody Coal Co., No. 9	4	1	876,642	491	876,642	470 Machine	Both	Both	Open	No
Peabody Coal Co., No. 24	5	1	457,085	470	457,085	163 Machine	Motor	Hand	Closed	Yes
Peabody Coal Co., No. 47	11	5	614,487	814	122,807	370 Machine	Both	Hand	Open	Yes
Peabody Coal Co., No. 59	4	1	363,037	370	363,037	141 Hand	Both	Hand	Open	No
Sahara Coal Co., No. 10	11	3	359,423	423	119,808	403 Hand	Both	Hand	Open	No
Sahara Coal Co., No. 12	11	4	412,156	403	412,156	351 Hand	Both	Hand	Open	No
Saugamon Coal Co., No. 2	4	1	162,059	351	162,059	301 Machine	Both	Both	Open	No
Seymour Coal Co.	12	1	396,812	301	396,812	140 Hand	Mule	Hand	Open	No
Shuler Coal Mining Co.	1	1	82,373	140	82,373	504 Machine	Both	Machine	Open	No
Superior Coal Co., No. 3	6	1	762,528	504	762,528	293 Machine	Motor	Machine	Open	No
Superior Coal Co., No. 4	6	1	369,943	293	369,943	77 Machine	Mule	Hand	Open	No
Tilton Mining Co.	5	1	51,026	77	51,026	286 Machine	Motor	Both	Closed	Yes
Union Coal Co.	1	1	135,817	286	135,817	544 Machine	Motor	Both	Open	Yes
Union Colliery Co.	9	1	603,087	1,142	1,044,440	534 Machine	Motor	Machine	Closed	Yes
U. S. Fuel Co., "Bun"	5	1	1,044,440	1,142	1,044,440	529 Machine	Motor	Machine	Closed	Yes
Valer Coal Co.	10	1	777,499	534	777,499	461,990	Both	Hand	Open	No
Wasson Coal Co., No. 1	11	1	461,990	529	461,990					

TABLE 46—TONS OF COAL MINED, NUMBER EMPLOYED, NUMBER KILLED AND INJURED, TONS MINED TO ONE MAN KILLED AND INJURED, AND RATIOS PER 1,000 EMPLOYED, AND PER 1,000,000 TONS MINED—1882-1935. INJURIES INVOLVING A LOSS OF 30 OR MORE DAYS TIME.

Year.	Tons mined.	Number employed.	Accidents.		Tons mined to one man.		Accidents.			
			Fatal.	Non-fatal.	Killed.	Injured.	Per 1,000 employed.		Per 1,000,000 tons mined.	
							Fatal.	Non-fatal.	Fatal.	Non-fatal.
1882	9,115,061	20,290	40	50	227,892	182,313	2.0	2.5	4.4	5.5
1883	10,508,785	23,939	134	231	78,424	45,493	5.6	9.1	12.8	22.0
1884	10,101,004	25,575	46	197	219,587	51,274	1.8	7.7	4.6	19.5
1885	9,791,874	25,946	39	147	251,074	66,611	1.5	5.7	4.0	15.0
1886	9,246,435	25,846	52	171	177,816	54,073	2.0	6.6	5.6	18.5
1887	10,278,890	26,804	41	180	250,905	57,105	1.5	6.7	4.0	17.5
1888	11,855,188	29,410	55	179	215,549	66,230	1.9	6.1	4.7	15.1
1889	11,597,963	30,076	42	201	276,142	57,701	1.4	6.7	3.6	17.3
1890	12,638,364	28,574	53	294	238,460	42,988	1.9	10.3	4.2	23.4
1891	15,660,698	32,951	60	367	261,012	42,672	1.9	11.1	3.9	23.4
1892	17,862,576	33,632	57	370	313,373	48,276	1.7	11.0	3.2	20.7
1893	19,949,564	35,390	69	403	289,124	49,502	1.9	11.4	3.5	20.2
1894	17,113,576	38,477	72	521	237,690	32,848	1.9	13.5	4.2	30.4
1895	17,735,864	38,630	75	605	236,478	29,315	1.9	15.7	4.2	34.1
1896	19,786,626	37,032	77	672	256,969	29,444	2.1	18.1	3.9	34.0
1897	20,072,758	33,788	69	518	290,909	38,750	2.0	15.3	3.4	25.8
1898	18,599,299	35,026	75	438	247,991	42,464	2.1	12.5	4.0	23.5
1899	23,434,445	36,901	84	597	278,981	39,254	2.3	16.2	3.6	25.5
1900	25,153,929	39,384	94	611	267,559	41,168	2.4	15.5	3.7	24.3
1901	26,685,319	44,143	99	422	269,549	63,235	2.2	9.6	3.8	15.8
1902	30,021,300	46,003	99	406	303,245	73,944	2.2	8.8	3.3	13.5
1903	34,955,400	49,814	156	410	224,073	85,257	3.1	8.2	4.5	11.7
1904	37,077,897	54,774	157	507	236,165	73,132	2.9	9.3	4.2	13.7
1905	37,183,374	59,230	199	535	185,852	69,502	3.4	9.0	5.4	14.4
1906	38,317,581	62,283	155	480	247,210	79,828	2.5	7.7	4.0	12.5
1907	47,798,621	66,714	165	636	289,689	75,155	2.5	9.5	3.5	13.3
1908	49,272,436	70,841	183	819	269,248	60,162	2.6	11.6	3.7	16.6
1909	49,163,710	72,733	213	894	230,816	54,993	2.9	12.3	4.3	18.2
1910	48,717,853	74,634	406	742	119,995	65,657	5.4	9.9	8.3	15.2
1911	50,165,099	77,410	157	709	319,523	70,755	2.0	9.2	3.1	14.2
1912	57,514,240	79,411	180	800	315,524	71,893	2.3	10.7	3.1	13.9
1913	61,846,204	79,497	175	1,025	353,407	60,338	2.2	12.9	2.8	16.2
1914	60,715,795	80,035	159	1,079	381,860	56,691	2.0	13.4	2.6	17.6
1915	57,601,694	75,607	180	1,013	320,009	56,870	2.4	13.4	3.1	17.6
1916	63,673,530	75,919	165	1,305	385,900	48,792	2.2	17.2	2.6	20.5
1917	78,983,517	80,893	207	1,634	381,563	48,338	2.6	20.2	2.6	20.7
1918	89,079,469	91,372	259	2,161	347,411	41,638	2.8	23.7	2.9	24.0
1919	75,099,784	90,897	208	2,620	361,057	28,664	2.3	28.8	2.8	34.9
1920	73,920,653	88,192	181	3,571	408,401	20,700	2.5	40.5	2.4	48.3
1921	80,121,948	95,763	222	4,327	360,910	18,517	2.3	45.2	2.8	54.0
1922	63,276,827	98,000	159	3,879	397,962	16,315	1.6	39.5	2.5	61.3
1923	67,514,095	103,566	161	3,615	469,032	20,889	1.6	34.9	2.1	47.9
1924	72,308,665	99,765	184	3,895	392,982	18,565	1.8	39.0	2.5	53.9
1925	103,186,166	81,684	183	4,712	563,859	21,713	2.4	57.7	1.8	46.0
1926	69,813,255	77,732	165	3,083	423,111	22,642	2.1	39.7	2.4	44.2
1927	46,949,700	78,572	106	1,398	442,922	33,583	1.3	18.0	2.3	29.8
1928	56,211,082	65,508	139	2,176	404,396	25,832	2.1	33.2	2.5	38.7
1929	61,127,759	58,596	109	2,392	560,805	25,556	1.9	40.8	1.8	39.1
1930	54,035,116	56,011	112	1,649	482,456	32,768	2.0	29.4	2.1	30.5
1931	45,152,623	53,550	90	1,530	501,696	29,512	1.7	28.6	2.0	33.9
1932	34,120,786	51,554	114	951	299,305	35,879	2.2	18.4	3.3	27.9
1933	38,320,125	48,464	71	1,197	539,720	32,013	1.5	24.6	1.9	31.5
1934	41,724,078	49,499	86	1,112	485,164	37,522	1.8	22.7	2.1	26.6
1935	45,013,278	49,100	82	1,225	548,907	36,743	1.7	27.2	1.8	24.9
Average—54 years	41,594,479	57,139	129	1,216	324,581	34,208	2.2	21.2	3.1	29.3

TABLE 47—ILLINOIS FATALITIES COMPARED WITH THOSE OF THE UNITED STATES AS A WHOLE—1911 TO 1935 INCLUSIVE.

Year.	Number killed.		Deaths per 1,000,000 tons.		Tons mined per fatality.	
	Illinois.	United States.	Illinois.	United States.	Illinois.	United States.
1911.....	157	2,656	3.1	5.35	319,523	186,887
1912.....	180	2,419	3.1	4.53	315,524	220,945
1913.....	175	2,785	2.8	4.89	353,407	204,685
1914.....	159	2,454	2.6	4.78	381,860	209,261
1915.....	180	2,269	3.1	4.27	320,009	234,297
1916.....	165	2,226	2.6	3.77	385,900	265,094
1917.....	207	2,696	2.6	4.14	381,565	241,618
1918.....	250	2,580	2.9	3.80	347,411	262,873
1919.....	209	2,323	2.8	4.19	361,057	258,464
1920.....	181	2,272	2.4	3.45	408,401	289,729
1921.....	222	1,995	2.8	3.94	360,910	253,832
1922.....	150	1,984	2.5	4.16	307,962	240,399
1923.....	161	2,462	2.1	3.74	469,032	267,223
1924.....	184	2,402	2.5	4.20	392,982	237,974
1925.....	183	2,234	1.8	3.84	563,859	260,461
1926.....	165	2,518	2.4	3.83	423,111	261,241
1927.....	106	2,231	2.3	3.73	422,922	267,978
1928.....	139	2,176	2.5	3.78	404,396	264,749
1929.....	109	2,187	1.8	3.59	560,800	278,380
1930.....	112	2,014	2.1	3.79	482,456	263,869
1931.....	90	1,430	2.1	3.27	501,096	296,000
1932.....	114	923	3.3	3.02	299,305	331,167
1933.....	71	833	1.9	2.5	539,729	400,517
1934.....	86	958	2.1	2.6	321,886	375,123
1935.....	82	903	1.8	2.4	548,907	408,997

The following is a brief account of an accident which occurred on April 3, 1935, at the quarry of the Mississippi Lime & Material Company at Alton, Illinois, which resulted in the loss of the life of Bernard Wiltshire, an employee of this organization. The case presented some difficult recovery problems, in which several Inspectors of the Department assisted, and wide publicity was given to the work.

The scene of this accident was a limestone quarry-mine near the Mississippi River within the city limits of Alton, Illinois. Here a stratum of limerock fifty to sixty feet in thickness was overlain with from thirty-five to sixty feet of overburden and at one time underground mining operations of this limerock had been carried on, the workings then being ventilated by a natural crevasse in the earth and limerock which was used as an air shaft. When underground work was abandoned and stripping operations begun the quarry company decided to fill up the crevasse and dirt and rock was being hauled in trucks from the stripping work to the sink hole or crevasse. Deceased was employed as dump foreman at this hole or crevasse and early in the afternoon of April 3rd had lined up a truck of refuse which was driven up to be dumped. The truck driver had just prepared to unload the dirt and rock when he felt the truck lurch and settle and he immediately jumped and ran to safety, at the same time calling out a warning to stop to another truck which he saw approaching the hole. The dump boss, Wiltshire, had been standing on the ground behind the first truck at the time the driver felt it lurch and settle, but everything indicates he was swallowed up and disappeared

immediately when the earth gave way. The seven ton dump truck also began to sink further into the hole but was perhaps some fifteen minutes in entirely disappearing from view. Meanwhile help for Wiltshire had been brought, but it was soon decided that nothing could be done for him from the surface and crews of men were set to work underground digging in the debris at the bottom of the hole or crevasse. The accident was brought to the notice of the Department on April 4 by a report made to State Mine Inspector T. Alvin Scully, Troy, Illinois, by Madison County Mine Inspector John O'Hara, of Collinsville, both of whom proceeded to Alton to give what assistance they could. Inspector Scully notified Economic Investigator Benn Pitts, of Odin, Illinois, who proceeded to the scene of the accident early April 5 and volunteered his services. Director McSherry conferred with company officials, with the State Inspectors and County Inspector O'Hara at Alton and the decision was reached to substitute an electric shovel to move the debris at the bottom of the hole instead of resuming the hand-shovel method, which was slow and dangerous. An ore-finder had meanwhile been employed to locate the truck and it was hoped that the body of the unfortunate boy would be found near the truck, though nobody believed he could be recovered alive. Interrupted only by heavy rains and subsequent movement of the earth and rock in the sink-hole and on one occasion by a mechanical breakdown on the shovel, work was kept up twenty-four hours a day until the body of Wiltshire was recovered about 5:30 P. M., Saturday, April 20, about eighty feet from the spot where the truck was recovered on Sunday, April 7. Everything indicated the boy had been instantly killed in his fall into the hole.

The verdict of the coroner's jury decided death was accidental, the result of giving way of the earth around a sink hole being filled with refuse from the workings of a quarry where deceased was employed as dump boss.

To prevent similar accidents it is recommended where work of filling sink holes or crevasses of the kind is being done, a solid foundation, possibly of steel or concrete, should be started at the bottom of the hole. Assistant Director Martin, who personally supervised this recovery work, believes this accident could have been obviated and that future cave-ins of this nature would never occur if sufficient foundation were provided at the bottom of the hole or crevasse. His specific recommendation in this case is as follows:

"That a rock retaining wall be constructed underground from the floor of the mine to the roof, to be made as nearly water tight as possible, and that at the top of the cap rock the hole where the boy and truck went through be reinforced with a strong concrete or cement composition sufficient to sustain the weight of the material—dirt or whatever it is—that is used to fill the hole up level with the surface, thus obviating the possibility of a break through ever again occurring."

TABLE 48—NON-FATAL ACCIDENTS BY DISTRICTS AND MONTHS—1935.

District.	Number injured.	Number not returned.	Days lost by men returned.		Loss of 7 but less than 30 days.		Loss of 30 or more days.		Monthly tabulation.	
			Total.	Average.	Number injured.	Days lost.		Number injured.	Month.	Number injured.
						Total.	Average.			
First District—									January—	
Shipping	162	23	3,732	27	97	1,384	14	42	Shipping	337
Local	48	9	1,330	28	21	290	14	18	Local	25
Second District—									February—	
Shipping	134	11	3,929	29	73	1,146	16	50	Shipping	289
Local	36	5	875	28	22	340	16	59	Local	27
Third District—									March—	
Shipping	84	9	2,055	27	52	768	15	23	Shipping	361
Local	25	1	684	28	15	239	16	9	Local	24
Fourth District—									April—	
Shipping	454	47	13,483	33	254	3,754	15	153	Shipping	123
Local	12		363	30	9	166	18	3	Local	8
Fifth District—									May—	
Shipping	197	19	6,480	36	96	1,521	16	82	Shipping	168
Local	28	4	680	28	14	198	14	10	Local	3
Sixth District—									June—	
Shipping	345	36	14,783	48	124	2,003	16	185	Shipping	230
Local	7	2	126	25	3	30	10	2	Local	11
Seventh District—									July—	
Shipping	146	16	4,329	33	74	1,204	16	56	Shipping	154
Local	28	6	689	33	9	140	16	13	Local	18
Eighth District—									August—	
Shipping	131	9	4,371	36	70	1,187	17	52	Shipping	204
Local	27	7	759	108	11	158	14	9	Local	2
Ninth District—									September—	
Shipping	224	24	6,382	32	119	1,854	15	81	Shipping	235
Local	10	1	219	22	7	99	14	2	Local	23
Tenth District—									October	
Shipping	459	53	15,066	37	215	3,496	16	191	Shipping	303
Local									Local	27
Eleventh District—									November—	
Shipping	405	81	13,823	43	156	2,553	16	168	Shipping	253
Local	9	2	235	34	1	13	13	6	Local	25
Twelfth District—									December	
Shipping	164	25	4,307	31	82	1,308	16	57	Shipping	241
Local	12		310	26	8	123	15	4	Local	49
Total shipping mines	2,905	353	92,740	36	1,412	22,178	16	16		a2,905
Total local mines	242	37	6,270	31	120	1,796	15	85		242
Total all mines	3,147	390	99,010	36	1,532	23,974	16	1,225		a3,147

a Includes 7 accidents not reported by month in which they occurred.

**JOSEPH A. HOLMES SAFETY ASSOCIATION AWARDS.**

For the establishment and maintenance of outstanding safety records in Illinois coal mines, the following operating organizations received Joseph A. Holmes Safety Association Certificates for the year 1935.

Northern Illinois Coal Corporation, Wilmington, Illinois.

Mine No. 59, Peabody Coal Company, Springfield, Illinois.

Kathleen Mine, Union Colliery Company, Dowell, Illinois.

Mine No. 11, United Electric Coal Company, DuQuoin, Illinois.

Mine No. 15, Consolidated Coal Company of St. Louis, Mt. Olive, Illinois.

Mine No. 3, Superior Coal Company, Gillespie, Illinois.

Mine No. 1, Valier Coal Company, Valier, Illinois.

In addition to the above, awards were granted to the following individuals for employment over unusually long periods of time without sustaining lost time accidents:

Evan W. Evans, Miner, Valier, Illinois.

James E. Hutton, Miner, Peoria, Illinois.

Thomas E. Vaughn, Harco, Illinois.

Holmes Awards were also made to two large organizations operating in the petroleum industry, namely, The Lawrenceville Refinery, Indian Refinery Company, Inc., Lawrenceville, Illinois, and the Ohio Oil Company Refinery, Robinson, Illinois, for having worked a year or more without a lost time accident.

TABLE 49—SUMMARY—DISPOSITION OF OUTPUT OF SHIPPING MINES BY DISTRICTS AND LOCAL MINES FOR THE STATE.

District.	Total tons mined.	Disposition of output—						Tons disposed of otherwise.	Per cent of tonnage—			
		Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.	Tons consumed at the mine.	All coal not sold including waste.		Handled by rail-roads.	Sold to local trade.	Consumed at the mine.	Not sold and waste.
First.	1,930,673	1,195,619	281,595	700	417,055	17,302	18,402	452,759	76.5	21.6	0.9	1.0
Second.	1,460,046	1,285,736	955,824	.....	210,282	6,668	1,536	218,486	85.0	14.4	0.5	0.1
Third.	2,215,893	1,499,806	542,851	.....	144,317	9,067	19,852	173,236	92.2	6.5	0.4	0.9
Fourth.	6,245,745	4,698,907	1,037,147	16,455	426,964	44,928	21,304	493,196	92.1	6.9	0.7	0.3
Fifth.	1,850,109	1,049,304	567,664	2,312	214,574	12,457	3,668	230,829	87.5	11.6	0.7	0.2
Sixth.	4,226,037	1,097,081	2,792,058	11,714	148,960	131,954	44,270	3,900,853	92.3	3.5	3.1	1.1
Seventh.	1,801,301	1,214,209	187,677	.....	308,305	72,214	18,896	399,415	77.8	17.1	4.1	1.0
Eighth.	2,262,668	1,002,005	310,001	19,019	836,993	73,709	20,941	1,331,025	93.1	58.8	3.3	0.9
Ninth.	5,473,191	2,953,054	1,962,691	50,778	348,646	68,442	89,580	4,966,523	90.7	6.4	1.3	1.6
Tenth.	7,985,155	5,087,354	2,443,883	.....	79,694	100,185	274,039	453,918	94.3	1.0	1.3	3.4
Eleventh.	3,198,829	2,443,802	569,563	.....	81,675	60,091	43,098	185,464	94.2	2.5	1.9	1.4
Twelfth.	2,760,767	1,755,723	809,608	.....	83,066	45,019	67,351	195,436	92.9	3.1	1.6	2.4
Total.	41,410,414	24,282,600	12,460,562	101,018	3,300,631	642,066	625,537	4,566,234	89.0	7.9	1.6	1.5
Local mines.	3,002,864	.....	.....	.....	3,327,747	241,112	34,005	3,902,864	.....	92.4	6.7	0.9
All mines.	45,013,278	24,282,600	12,460,562	101,018	6,628,378	883,178	657,542	8,169,098	81.9	14.6	2.0	1.5

TABLE 50—SPECIAL PREPARATION PLANTS.

Name of operator.	Address.	Type and make of machine.	Tonnage prepared.
Bell & Zoller Coal & Mining Co., No. 1	Zeigler	Chance cone	328, 006
Bell & Zoller Coal & Mining Co., No. 2	Zeigler	Chance cone	282, 105
Consolidated Coal Co., No. 7	Staunton	Washer	233, 180
Crerar-Clinch Coal Co., No. 14	DuQuoin	Norton system	183, 084
C. W. & F. Coal Co., No. 2	West Frankfort	Deduster	311, 702
Delta Coal Mining Co.	Marion	Wet washer	215, 146
Midland Electric Coal Corp., No. 1	Atkinson	Koppers-Rheolaveur	389, 146
Midland Electric Coal Corp., No. 2	Farmington	Link-belt Simon Carves wash boxes for 4" Coal: Bixby dryer for $\frac{1}{2}$ " $\times$ 0 washed	
Marion County Coal Co.	Centralia	Menzie hydro.	84, 445
Northern Illinois Coal Corp., No. 10	Wilmington	New rheolaveur washer	134, 099
Old Ben Coal Corp., No. 8	West Frankfort	Dry spiral separators	545, 197
Old Ben Coal Corp., No. 14	Buckner	Dry rescreening plant	176, 690
Old Ben Coal Corp., No. 15	West Frankfort	Dry spiral separators	420, 834
Peabody Coal Co.	Kineaid	Reclamation plant	109, 001
Peabody Coal Co., No. 53	Springfield	Jeffrey type FB2 vibrator	
		R. Holmes & Bros., dustalators.	80, 629
Peabody Coal Co., No. 47	Hareo.	Allen & Garcia dedusting plant	85, 131
Rex Coal Co., No. 2	Eldorado	Deduster	350 tons per day
Sahara Coal Co., No. 1	Harrisburg	Deduster	75 tons per hour
Sahara Coal Co., No. 3	Harrisburg	Deduster	75 tons per hour
Southern Coal, Coke & Mining Co.	East St. Louis.	Washer	1, 013, 321
United Electric Coal Co., No. 11	DuQuoin	Koppers-Rheolaveur	530, 089

## STORY OF STRIP MINING IN ILLINOIS.

By L. B. SHELEY.

The story of strip coal mining has a peculiar connection with the history of coal in Illinois, not only because of its position in the production of coal in the State, but also because it was in what is now known as the State of Illinois that coal was first discovered in America, the discovery being made near the same field where, after many discouraging efforts and over a long period of years, the dauntlessness of mining men was finally to conquer and make coal stripping a practicable and profitable industry.

Coal was first discovered in America in the 17th Century somewhere between the present cities of Ottawa and Utica, Illinois. Some historians credit Father Louis Hennepin, a French explorer, with the first discovery of coal in America and fixed the date as 1669; other writers make the statement that the first discovery of coal was made by Fathers Marquette and Joliet in 1673.

The first government records of coal production in the State of Illinois covered the year 1833 and show the amount mined that year as 6,000 tons. In 1934, 101 years later, the amount produced in this State was in excess of 40,000,000 tons, of which total 6,222,000 tons was produced by strip mine operations.

Coal stripping is the outgrowth of the efforts of men who used to gather coal at the outcroppings of the coal seams and sought to follow the seams by removing the earth with hand shovels as the coal slowly descended farther and farther into the earth. When the seam descended too far for the use of dirt shovels in the hands of workers, teams with scrapers were brought into use in mining. First the slip scraper then the wheeled scraper and finally powered stripping equipment was introduced.

Kirkland, Blankey and Graves was the firm name of the group first to attempt strip mining near Danville, Illinois in 1866, while it was in the seventies that Michael Kelly first used the hand shovel method and then introduced teams and scrapers in Hungry Hollow in the same vicinity. The method used was to strip the coal in summer and mine it in winter, even in the earlier years of powered stripping; but the introduction of powered shovels made it possible to remove frozen overburden from coal seams and continue operation both winter and summer. In the early days when scrapers were used the ground was first plowed then scrapers removed the dirt, first the one implement and then the other being used until the coal was uncovered. Teams and wagons were used to haul the coal from the pit. Today locomotives, in some instances operating on standard gauge railroad tracks, pull most of the coal that is mined in Illinois' strip pit operations.

Strip mining methods were early applied to the production of coal in other states as well as Illinois, and Director McSherry of the Illinois Department of Mines and Minerals, can speak with authority about the early beginning of the strip mining industry in the State of Kansas. Having been born in Scranton, Kansas, he became familiar with strip mine operations in the vicinity of that city. As early as 1867 coal which was mined in draws and ravines in the vicinity of Scranton was being hauled as far as Lawrence, Kansas, a distance of 40 miles, before railroad facilities had been extended to that part of the country. At Lawrence, the coal was traded for food and merchandise.

The Consolidated Coal Company was one of the first organizations to begin strip mining in the Danville field on a large scale. Wright and Wallace, a Lafayette, Indiana, drainage contracting company received a contract from the Consolidated Coal Company to conduct some of its operations. A dredge without a hull was purchased and erected on a wooden frame. This dry land dredge had a wooden boom fifty feet in length, with a capacity of 400 cubic yards per day and was operated with a one cylinder steam engine. The outfit was moved forward with a block and tackle, the shovel dug forward only and moved over the field in a circle making a twenty foot cut. A second and later a third installation of this kind were put in operation, the latter having a 65 foot boom. These were abandoned in 1890, the operation having proven unsuccessful financially.

Draglines were introduced into the Mission Field, near Danville, in 1890. The scraper buckets were of steel with open ends and teeth at the bottom edge. Cables raised and lowered the buckets and guided them, the forward and reverse motion being governed by ropes. Another cable was used to swing the drag down to dump its load. The cables were strung on a horizontal boom eighty feet in length. The bucket was lowered into the pit and dragged up the side to fill, being capable of three complete operations in a minute. The boom did not swing and the machine had to be moved frequently and much track work was required to

keep the machine setting solid. Twenty foot cuts were made and the waste was dumped far enough from the cuts to prevent caving back over the coal. After the first operation the waste was deposited in cuts that had already been mined. In this particular section of the Mission Field there was no shale or overburden and an output of over 1,000 tons a day was accomplished. It was here the first machine mining was done, with one machine stripping the coal and another loading it into gondolas in which it was carried to the tippie. However, the project was abandoned when shale was encountered. In 1900 Butler Brothers had built a \$30,000 drag line, three buckets, for use near Danville. The three drag buckets were respectively for dirt, for coal and for rock, the capacity being two cubic yards for each bucket. The machine was a failure because it was too cumbersome and because the bucket for stone was not practical. While other stripping shovels were introduced in this field they were not successful until about twenty-five years ago, when Hartshorn and Holmes, of the Mission Field Coal Company, induced the Marion Steam Shovel Company of Marion, Ohio, to build a 250 ton shovel with a 65 foot boom and with a three and one-half cubic yard dipper with fifty foot handle. The machine was built to swing the shovel in the arc of a circle. This shovel was placed in the Danville Coal Field in 1911 and is still in use there. The advent of this shovel, the first of its type, brought strip mining to the status of a practical and profitable industry after many discouraging and financially disastrous efforts, going back almost half a century.

The No. 250 shovel, above referred to, was steam driven and mounted on railroad truck wheels and was equipped with hydraulic equalizing and leveling jacks, outside boom, inside handle and triple hitch hoisting cables, most of these being fundamental features and still employed in the modern shovels of today.

It was in 1923 that the first Ward-Leonard electrically driven shovel was installed in this State. It was purchased by the Black Servant Coal Company of Elkville with which Mr. Hartshorn of Danville was also identified. The use of electrically powered shovels is extensive in the strip mines of today.

In 1925 the first large crawler shovel for coal stripping was installed at Cuba, Illinois. It was equipped with a single reduction herringbone hoist gear and was installed at the property of the United Electric Coal Company.

In 1928 the first 12 cubic yard shovel was installed at Wilmington by the Northern Illinois Coal Corporation and in 1935 this same company installed at its workings near Wilmington a new shovel with a 32 cubic yard dipper, said to be the largest in the world. This is one of the Illinois companies that produced a million tons of coal in 1935, and recently extensive improvements have been made in the facilities of this organization.

This briefly pictures the advancements in coal stripping from its earliest days down to the present. In 1935 more than 16 percent of the coal produced in Illinois came from strip mines.

The appointment of James McSherry of DuQuoin, formerly head of the Perfection Coal Company of that city, a strip mining organization, to the office of Director of Mines and Minerals marked the first recognition of the strip mining industry to that important office.

#### ACKNOWLEDGMENTS.

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The Joliet "Herald-News."

## REPORTS OF STATE INSPECTORS

### FIRST DISTRICT.

*Hon. James McSherry, Director,  
Department of Mines and Minerals,  
Springfield, Illinois.*

SIR: I have the honor of submitting to you the report of this the First Inspection District, comprising the coal producing counties of Bureau, Grundy, Henry, LaSalle, Livingston, Mercer, Putnam, Rock Island and Will, for the year ended December 31, 1935.

The items shown are summarized in the following general statement which likewise shows the comparative figures for the four previous years:

Respectfully submitted,  
**JOSEPH B. CASASSA, Inspector.**

	1935	1934	1933	1932	1931
Number of counties producing coal	9	9	9	9	9
Number of shipping mines	9	7	6	5	6
Number of local mines	170	197	137	108	94
Number of employees underground	2,273	2,261	1,963	2,061	1,497
Number of employees on surface	1,122	1,100	744	471	572
Total number employed	3,395	3,361	2,707	2,532	2,069
Tons of coal produced in shipping mines	1,930,673	1,777,138	1,891,521	1,867,943	1,868,765
Tons of coal produced in local mines	659,754	576,731	540,541	513,222	349,050
Tons of coal produced, total	2,590,427	2,353,869	2,432,062	2,381,165	2,217,815
Days operated, shipping mines, average	192	180	204	231	182
Days operated, local mines, average	117	111	132	133	125
Number of undercutting machines	25	20	23	19	17
Tons undercut	320,465	298,683	333,836	324,700	227,386
Tons mined by hand	548,713	496,082	517,249	421,149	326,924
Tons mined in strip mines	1,721,249	1,559,104	1,590,927	1,635,316	1,663,505
Number of loading machines used					
Tons loaded mechanically					
Number of fatal accidents	7	9	3	6	2
Number of non-fatal accidents	210	216	154	162	131
Number of employees to each fatality	485	373	906	422	1,034
Number employed to each non-fatal accident	16	14.6	17.6	15.6	15.8
Tons of coal mined to each fatality	370,061	261,541	810,687	396,861	1,108,992
Tons mined to each non-fatal accident	12,335	10,895	15,792	14,700	16,930
Number of fatalities per 1,000 employed	2.1	2.7	1.1	2.37	1.0
Number injured per 1,000 employed	61.8	64.3	56.7	64.0	63.3

## NEW MINES.

Spring Valley Coal Mining Co., Bureau County, Illinois.  
Wilmington Coal Mines, Inc., LaSalle County, Illinois.

## FATAL ACCIDENTS.

October 10, 1934, died February 25, 1935, James A. Reel, driver, aged 57 years, married, from injuries received when crushed between car and rib in mine No. 3 of the Skinner Coal Co. He leaves a widow.

February 15, John Jisa, miner, aged 59 years, married, killed in mine No. 3 of Skinner Coal Co. by fall of rock. Leaves a widow and two dependent children.

August 20, Peter Ricchardi, miner, aged 73 years, widower, killed by fall of rock in Union mine of Union Coal Co., leaving no dependents.

September 13, Joseph O'Berle, laborer, aged 33 years, married, electrocuted at mine No. 1 of the Midland Electric Coal Corporation, leaving widow and two dependent children.

October 17, Frank Heinrich, miner, aged 48 years, married, killed by fall of rock in mine of Wm. T. Lamb & Son, leaving widow and two dependent children.

December 16, George W. Edwards, shot firer, married, aged 45 years, killed by explosion of dust in mine No. 1 of the Shuler Coal Mining Co., leaving widow and two dependent children.

## FATAL ACCIDENTS FIRST DISTRICT, 1935.

Date of injury.	Date of death.	Name.	Age.	Occupation.	Residence.	Name of operator of mine.	Number or letter of mine.	Married.	Single.	Widow.	Children.	Dependents.	Cause of death.
Oct. 10, 1934	Feb. 25	James A. Reel	57	Driver	South Wilmington.	Skinner Coal Co.	3	1	1	1	1	1	Crushed between car and rib.
Feb. 15	Feb. 16	John Jisa	38	Miner	Coal City	Skinner Coal Co.	3	1	1	1	1	3	Fall of rock.
Aug. 20	Aug. 23	Peter Richardi	73	Miner	Oglesby	Union Coal Co.	1	1	1	1	1	3	Fall of rock.
Sept. 13	Sept. 13	Joseph O'Herle	33	Laborer	Anawan.	Midland Electric Coal Corp.	1	1	1	1	1	3	Electrocution.
Oct. 17	Oct. 17	Frank H. Hinch	48	Miner	Kewanee.	Wm. T. Lamb & Son.	1	1	1	1	1	3	Fall of rock.
Dec. 16	Dec. 20	George W. Edwards	43	Shot firer	Woodhull.	Shuler Coal Mining Co.	1	1	1	1	1	3	Explosion of dust.



## BUREAU COUNTY

Number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
SHIPPING MINES.							
1	Spring Valley Coal Mining Co.	Spring Valley .....	42,129	1,348			37,278
LOCAL MINES.							
1	Cherry Coal Co.	Cherry .....	4,000				3,200
2	Jones & Brewer	Sheffield .....	2,732				2,732
3	L. F. Brandt	Mineral .....	2,500				2,500
4	Carlson Coal Co.	Mineral .....	1,995				1,935
5	Rocky Run Coal Co.	Tiskilwa .....	1,500				1,400
6	Joe E. Clark, No. 1	Mineral .....	1,093				1,093
7	Cherry Coal Mining Corp.	Cherry .....	800				600
8	Gilbert Pollock, No. 2	Sheffield .....	745				745
9	Lamb & Pollock	Sheffield .....	642				642
10	Gilbert Pollock, No. 1	Sheffield .....	560				380
11	Jenkins & Crosland	Mineral .....	384				375
12	W. G. Thomas & Sons.	Sheffield .....	208				208
13	Peter Pilson	Sheffield .....	170				150
14	Chas. Hotchkiss & Son	Sheffield .....	123				113
15	Joe Clark, No. 2	Mineral .....	107				107
15 local mines total .....			17,559				16,180
16 all mines total .....			59,688	1,348			53,458

## GRUNDY COUNTY

LOCAL MINES.							
1	Morris Coal & Mining Co., No. 2	Morris .....	59,360				59,360
2	Verona Coal Mining Co.	Verona .....	41,550				38,990
3	Skinner Coal Co., No. 3	South Wilmington .....	22,389				21,405
4	Robert Condon	Morris .....	2,740				2,740
5	Schramm Bros., No. 1	Coal City .....	2,247				2,227
6	Goose Lake Coal Co.	Morris .....	1,946				1,934
7	Clark City Coal Co.	Streator .....	675				690
7 local mines total .....			130,907				127,166

## HENRY COUNTY

SHIPPING MINES.							
1	Midland Electric Coal Corp. No. 1	Atkinson .....	476,973	401,869	43,142		18,768
2	Shuler Coal Mining Co.	Alpha .....	82,373	47,534	4,536		30,103
2 shipping mines total .....			559,346	449,403	47,678		48,871
LOCAL MINES.							
1	Valley View Coal Co., No. 2	Coal Valley .....	45,735				45,400
2	Warner Coal Co.	Orion .....	30,122				30,122
3	Quality Mining Co., Inc.	Geneseo .....	9,508				8,729
4	Black Hawk Coal & Mining Co.	Coal Valley .....	9,257				9,200
5	Black Diamond Coal Co.	Kewanee .....	4,820				4,455
6	Bates & Price	Kewanee .....	2,625				2,625

## FIRST DISTRICT.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machines.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
3,248	255	226	206								42,129		36	1
800		24	90	50				1		4,000				1
		12	200	100							2,732			2
		12	200								2,500			3
60		10	155								1,995			4
100		7	120		500							1,500		5
		15	210								1,093			6
200		28	50	25				1		800				7
		8	150	30							745			8
180		3	235								642			9
9		7	140	20							560			10
		12	160	60							384			11
		3	60								208			12
20		2	100								170			13
10		4	109								123			14
		6	26								107			15
1,379		153	137	285	500			2		4,800	11,259	1,500		
4,627	255	379	141	285	500			2		4,800	53,388	1,500	36	

## FIRST DISTRICT.

		16	235		10,000							59,360		1
	2,650	64	275					3		41,550				2
984		108	143		300						22,389			3
		9	195								2,740			4
20		9	141								2,247			5
12		10	119								1,946			6
75		8	36		1,800						675			7
1,091	2,650	224	163		12,100			3		41,550	29,997	59,360		

## FIRST DISTRICT.

8,424	4,770	122	298	2,500		2,000						476,973		1
200		142	183	7,049	4,300						82,373		17	2
8,624	4,770	264	241	9,545	4,300	2,000					82,373	476,973	17	
335		60	185	1,900				1		20,315	25,420			1
		55	165	2,238							30,122			2
	779	12	240	603				1		2,408	7,100			3
57		13	185	612							9,257			4
365		14	180	225							4,820			5
		10	147								2,625			6

## HENRY COUNTY

Number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
7	North Coal Co.	Kewanee	2,492				2,292
8	Crescent Coal Co.	Kewanee	2,478				2,259
9	Roy McDaniel	Kewanee	2,000				1,950
10	Wm. T. Lamb & Son	Kewanee	1,955				1,955
11	North East Coal Co.	Kewanee	1,917				1,917
12	Pettitt & Head	Kewanee	1,794				1,794
13	Chas. Altman & Sons	Geneseo	1,269				1,269
14	Kewanee Coal Co.	Kewanee	1,080				1,080
15	Standard Coal Co.	Kewanee	1,079				1,079
16	Mud Creek Co-op Coal Co.	Kewanee	840				600
17	Ripka & Bates	Kewanee	650				650
18	Ab Hodgett	Kewanee	520				480
19	Good Luck Coal Mine	Kewanee	480				480
20	Ratliffe, Bricke & Fell	Kewanee	450				450
21	Rock Bottom Coal Co.	Kewanee	443				443
22	Totena Coal Co.	Kewanee	384				284
23	Kewanee Coal Co.	Kewanee	305				215
24	Black Hawk Coal Co.	Kewanee	269				266
25	New Deal Coal Co.	Kewanee	200				197
26	Caleb Hamilton	Coal Valley	182				182
27	Crescent Coal & Mining Co.	Briar Bluff	150				150
28	Square Deal Coal Co.	Kewanee	117				117
29	Spring Creek Coal Co.	Geneseo	20				20
30	Mart Walter	Coal Valley	15				15
30 local mines total			123,156				120,675
32 all mines total			682,502	449,403	47,678		169,546

## LA SALLE COUNTY

SHIPPING MINES.					
1	Buffalo Rock Coal Co.	Ottawa	36,775	15,974	1,377
2	Illinois Zinc Co., No. 3	Peru	47,171		
3	Union Coal Co.	LaSalle	135,817	57,942	
4	Wilmington Coal Mines, Inc.	Morris	27,500	17,122	
4 shipping mines total			247,263	91,038	1,377
LOCAL MINES.					
1	Matthiesen & Hegeler Zinc Co.	LaSalle	99,654		
2	French Coal Co.	Streator	17,901		
3	Starved Rock Coal & Mining Co.	Utica	15,383		
4	Utica Mining Co.	Utica	10,490		
5	Munts Coal Co.	Streator	5,203		
6	Marseilles & Ottawa Coal Co.	Marseilles	4,800		
7	Smith & Harrington Co.	Marseilles	4,800		
8	Fletcher & Smith, No. 2	Marseilles	3,000		
9	Stevenson & Myers	Ottawa	3,000		
10	Chicago Retort & Fire Brick Co.	Ottawa	2,800		
11	Streator Union Coal Co.	Streator	2,360		
12	McLean Coal Co.	Ottawa	2,300		
13	Proudfoot & Davis	Streator	1,541		
14	Bee Coal Co.	Streator	1,428		
15	Mitchell & Brown	Streator	1,282		

## FIRST DISTRICT—Concluded.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machines.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.				Number.	Number.
200		9	165								2,492		7	
219		7	276								2,478		8	
50		6	200	100							2,000		9	
		8	180								1,955		10	
		9	137								1,917		11	
		8	212								1,917		12	
		11	109	127							1,794		13	
		15	60					1		1,080	1,269		14	
		5	180								1,079		15	
240		9	60								840		16	
		6	90								650		17	
40		4	80								520		18	
		14	90	40							480		19	
		4	100								450		20	
		11	35								443		21	
100		2	312								384		22	
90		6	54								305		23	
3		5	49								269		24	
3		5	90								200		25	
		7	45	28							182		26	
		7	40		10						150		27	
		4	60								117		28	
		3	19								20		29	
		2	30	8							15		30	
1,702	779	331	126	5,881	10			3		23,803	99,353			
10,326	5,549	595	133	15,426	4,310	2,000		3		23,803	181,726	476,973	17	

## FIRST DISTRICT.

	1,650	26	144		3,500							36,775	1	
480		152	247					1			47,171		13	2
170		286	216					4	1	135,817			37	3
		42	83		20,000							27,500		4
650	1,650	506	173		23,500			4	2	135,817	47,171	64,275	50	
85,639		118	263		6,400	1,550		8		99,654				1
91		44	175	900							17,901			2
		20	103		8,000							15,383		3
50		20	110									10,490		4
		16	280	95							5,203			5
800		23	200	10							4,800			6
		17	170									4,800		7
		7	90									3,000		8
200		6	150									3,000		9
2,800		1	39	55								2,800		10
4		9	198	40							2,360			11
150		3	150	70								2,300		12
		6	90	15		100						1,541		13
		7	43									1,428		14
		4	250	103							1,282			15

## LA SALLE COUNTY

Number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
16	Blue Eagle Coal Co.	Streator	819				819
17	Marseilles Strip, No. 1	Marseilles	816				816
18	W. F. Decker & Sons	Marseilles	800				640
19	Waggener Coal Co.	Ottawa	800				788
20	East Side Coal Co.	Streator	739				739
21	Osage Coal Co.	Ottawa	713				513
22	Bailey Falls Coal Co.	Cedar Point	650				650
23	Wm. H. Pratt	Streator	600				300
24	Ray Bros.	Streator	600				600
25	Hillside Coal Co.	Streator	558				558
26	James Morgan	Streator	406				406
27	James Starkey	Tonica	400				400
28	C. J. Brooker	Utica	378				378
29	Andrew Kollar	Streator	373				373
30	McClernon Bros.	Streator	350				350
31	Senko Coal Co.	Streator	350				350
32	Will Brooker	Utica	310				310
33	Wood & Ryan	Streator	308				308
34	Rutland Coal Co., No. 1	Rutland	305				275
35	Adam Ampusitis	Ottawa	300				295
36	Fox River Coals	Ottawa	300				270
37	Rutland Mining Co.	Rutland	280				200
38	Solsby & Son	Streator	250				250
39	Vernon Brooks	Mendota	244				244
40	Vermilion Coal Co.	Peru	220				220
41	Midwest Brick Co.	Ottawa	219				
42	Black & White Coal Co.	Streator	160				160
43	Andrew Harcharik	Streator	150				150
44	Litchford Bros.	LaSalle	140				140
45	J. L. Johnson	Ottawa	140				134
46	Thomas Coal Co.	Streator	131				131
47	Faletto Bros.	Marseilles	122				120
48	Avelin Huber	Streator	120				100
49	Henry Price	Ottawa	115				115
50	Wilson Mine	Ottawa	110				110
51	Martin Coal Co.	Streator	100				100
52	Armstrong & Son	Ottawa	100				90
53	James Georgia	Ottawa	100				100
54	John Martino	Utica	80				80
55	C. L. Ritz	Ottawa	70				70
56	Prator & Son	Ottawa	65				65
57	Herman Martine	Ottawa	65				65
58	Massey Bros.	Utica	64				64
59	Frank Blak	Split Rock	63				46
60	Harold Dickens	Ottawa	60				60
61	B. Heth	Ottawa	60				60
62	Frank Roberts	Ottawa	50				50
63	Payne & Littrell	Utica	50				50
64	Kimes Coal Co.	Streator	46				46
65	Thirl Costin	Tonica	35				30
66	August Engelbrecht	Ottawa	30				30
67	Kickapoo Mining Co., No. 1	Marseilles	12				8
68	Wm. Grygiel	LaSalle	10				10
68 local mines total			190,278				99,444
72 all mines total			437,541	91,038	1,377		251,992

## FIRST DISTRICT—Concluded.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
		3	150	54							819			16
		4	90									816		17
160		11	120								800			18
12		4	180	17							800			19
		6	194	30							739			20
200		35	11		50							713		21
		6	120	30							650			22
300		4	45									600		23
		3	120	24							600			24
		2	210	15		190					558			25
		3	123	20							406			26
		3	130								400			27
		2	150	14							378			28
		3	93	10							373			29
		3	200	17							350			30
		4	150	14							350			31
		2	110	10							310			32
		6	150									308		33
30		8	50	50							305			34
5		2	175	18							300			35
30		6	40	4								300		36
80		6	80	60							280			37
3		3	100	14							250			38
		5	50									244		39
		4	40								220			40
219		9	6									219		41
		6	45									160		42
		5	65	8							150			43
		2	90								140			44
6		2	90									140		45
		3	60	7							131			46
2		3	55	1							122			47
20		6	70	5							120			48
		3	60									115		49
		3	70									110		50
		4	65									100		51
10		5	200	10							100			52
		3	90	10							100			53
		2	90	4							80			54
		6	75									70		55
		2	70									65		56
		2	40									65		57
		2	60	1							64			58
17		1	185								63			59
		2	69									60		60
		2	45	2							60			61
		2	35								50			62
		3	60	2							50			63
		4	90								46			64
5		2	20	1							35			65
		3	100	3							30			66
4		10									12			67
		1	55								10			68
90,834		537	107	1,743	14,400	1,840		8		99,654	41,797	48,827		
91,484	1,650	1,043	110	1,743	37,900	1,840		12	2	235,471	88,968	113,102	50	

## LIVINGSTON COUNTY

Number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
LOCAL MINES.							
1	Livingston Co-Operative Coal Co.	Fairbury	8,397				7,965
2	Coalville Coal Co.	Streator	6,395				6,395
3	Allan Anderson	Streator	3,548				3,548
4	Bee Coal Co.	Streator	600				600
5	Oscar Kimes	Streator	360				360
6	Renner & Son	Streator	357				348
7	Katcher & Wargo	Streator	249				219
8	South Side Coal Co.	Streator	244				244
9	Pontiac Mining Co.	Pontiac	225				109
10	Kudrick, Sholtis & Pitte	Streator	225				221
11	John J. Barry	Streator	175				175
12	John Mihalick	Streator	164				164
13	Dennis Hamilton	Streator	152				147
14	Briner & Miller	Long Point	130				130
15	John Hamas	Streator	125				125
16	Livingston County Coal Co.	Streator	100				100
17	Geo. L. Stasko	Streator	70				70
18	John Gall	Streator	48				48
18 local mines total.			21,564				20,968

## MERCER COUNTY

LOCAL MINES.							
1	Kness Coal Co., No. 1	Viola	7,781				7,081
2	Frye & Bollman, No. 1	Viola	5,701				5,346
3	Essley Coal Co., No. 2	Viola	5,620				5,220
4	Never Seen Coal Co.	Matherville	5,395				5,395
5	Koresko Coal Co.	Viola	3,900				3,500
6	Lee Bros. Coal Co.	Matherville	1,530				1,500
7	Myers Coal Mine	Viola	1,030				1,025
8	W. E. McCloskey	Viola	1,000				990
9	Harris Bros	Viola	696				696
10	W. F. Smith & Sons, No. 2	Aledo	382				379
11	Miller & Goben	Aledo	313				313
12	Needham & Smith	Aledo	216				214
13	Morris Co-Operative Coal Co.	Aledo	197				197
14	Swan Young Coal Co.	New Windsor	153				150
15	W. F. Smith & Sons, No. 1	Aledo	146				143
16	Rock Quarry Coal Co.	Viola	130				130
17	T. H. Smith & Co.	Viola	104				102
17 local mines total			34,204				32,381

## PUTNAM COUNTY

SHIPPING MINES.							
1	Prairie State Coal Co.	Granville	81,124	52,324		700	14,646

## FIRST DISTRICT.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
432		23	186	95				1		8,397				1
		23	190	560							6,395			2
		7	197	76							3,548			3
		7	30									600		4
		3	80								360			5
9		4	160	4							357			6
30		6	73								249			7
		4	34			50						244		8
116		6	95	17							225			9
4		4	103									225		10
		2	60									175		11
		5	20			50						164		12
5		2	100								152			13
		3	20									130		14
		4	25									125		15
		3	64	20							100			16
		3	20									70		17
		2	50								48			18
596		111	84	772		100		1		8,397	11,434	1,733		

## FIRST DISTRICT.

700	12	187	550							7,781				1
355	10	260	392							5,701				2
400	16	162	495							5,620				3
	13	125	350							5,395				4
400	8	180	375							3,900				5
30	7	140		2,500						1,530				6
5	8	212	125		300					1,030				7
10	5	280	180							1,000				8
	3	91								696				9
3	3	157	53							382				10
	2	114	47		150					313				11
2	2	77	27							216				12
	4	110	21							197				13
3	3	90	12							153				14
3	3	24	24							146				15
	2	20	6							130				16
2	3	60	9							104				17
1,913	104	135	2,666	2,500	450					34,294				

## FIRST DISTRICT.

1,727	11,727	394	92					3	2	5,616	75,508		36	1
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## ROCK ISLAND COUNTY

Number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
LOCAL MINES.							
1	Mielke Bros.	Coal Valley	49,705				49,500
2	Thomas McKeag	Coal Valley	5,891				5,891
3	Wooley, Peters & Wilson.	Coal Valley	4,096				4,096
4	Rural Coal Co.	Coal Valley	3,780				3,780
5	Blue Eagle Coal Mine.	Moline.	3,124				3,052
6	Pryce Mining Co.	Coal Valley.	2,515				2,464
7	Highland Coal Mining Co.	Moline.	1,875				1,875
8	Witherspoon Bros.	Moline.	1,110				1,110
9	Progressive Mine.	Moline.	913				900
10	Rawalt Coal Co.	Coal Valley.	828				828
11	Odendahl-Smith-Sill.	Moline.	269				269
12	Last Dollar Coal Co.	Moline.	80				80
13	Black Diamond Coal Co.	East Moline	40				40
13 local mines total.			74,226				73,885

## WILL COUNTY

SHIPPING MINES.							
1	Northern Illinois Coal Corp., No. 10	Wilmington	1,000,811	601,506	232,540		163,712
LOCAL MINES.							
1	Morris Coal & Mining Co., No. 3	Wilmington	65,577				65,567
2	Will County Coal Co.	Braidwood	2,193				2,193
2 local mines total			67,770				67,760
3 all mines total			1,068,581	601,506	232,540		231,472

## FIRST DISTRICT.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
205		75	227	2,700							49,705			1
		17	205	496							5,891			2
		7	230	389							4,096			3
		10	170	165							3,780			4
72		9	140	196							3,124			5
51		7	200	252	300						2,515			6
		12	75	62							1,875			7
		5	125	110							1,110			8
13		4	160								913			9
		7	40	10				1		828				10
		3	113								269			11
		3	60	10							80			12
		3	18	3							40			13
341		162	136	4,393	300			1		828	73,398			

## FIRST DISTRICT.

3,053	324	258	27,200								1,000,811		1
10	24	241									65,577		1
	35	30	150								2,193		2
10	59	136	150								67,770		
3,063	383	173	27,350								1,068,581		

## FIRST DISTRICT, SHIPPING MINES

Counties.	Number of mines.	Total tons mined.	Disposition of output in tons.					
			Loaded on cars for shipment.	Sold to railroad companies.	Supplied to locomotives.	Sold to local trade.	Used at the mine.	All coal not sold including waste.
Bureau .....	1	42,129	1,348	.....	.....	37,278	3,248	255
Henry .....	2	559,346	449,403	47,678	.....	48,871	8,624	4,770
LaSalle .....	4	247,263	91,038	1,377	.....	152,548	6,550	1,650
Putnam .....	1	81,124	52,324	.....	700	14,646	1,727	11,727
Will .....	1	1,000,811	601,506	232,540	.....	163,712	3,053	.....
Total .....	9	1,930,673	1,195,619	281,595	700	417,055	17,302	18,402

## LOCAL MINES

Bureau .....	15	17,559	.....	.....	.....	16,180	1,379	.....
Grundy .....	7	130,907	.....	.....	.....	127,166	1,091	2,650
Henry .....	30	123,156	.....	.....	.....	120,675	1,702	779
LaSalle .....	68	190,278	.....	.....	.....	99,444	90,834	.....
Livingston .....	18	21,564	.....	.....	.....	20,968	596	.....
Mercer .....	17	34,294	.....	.....	.....	32,381	1,913	.....
Rock Island .....	13	74,226	.....	.....	.....	73,885	341	.....
Will .....	2	67,770	.....	.....	.....	67,760	10	.....
Total .....	170	659,754	.....	.....	.....	558,459	97,866	3,429

## ALL MINES

Bureau .....	16	59,688	1,348	.....	.....	53,458	4,627	255
Grundy .....	7	130,907	.....	.....	.....	127,166	1,091	2,650
Henry .....	32	682,502	449,403	47,678	.....	169,546	10,326	5,549
LaSalle .....	72	437,541	91,038	1,377	.....	251,992	91,484	1,650
Livingston .....	18	21,564	.....	.....	.....	20,968	596	.....
Mercer .....	17	34,294	.....	.....	.....	32,381	1,913	.....
Putnam .....	1	81,124	52,324	.....	700	14,646	1,727	11,727
Rock Island .....	13	74,226	.....	.....	.....	73,885	341	.....
Will .....	3	1,068,581	601,506	232,540	.....	231,472	3,063	.....
Total .....	179	2,590,427	1,195,619	281,595	700	975,514	115,168	21,831

## RECAPITULATION BY COUNTIES.

Total employees.	Days operated.	Explosives used for blasting coal.				Number of mining machines used.	Number of motors in use.	Tons mined by—			Number of animals underground.
		Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissible—pounds.			Machine.	Hand.	Stripping.	
226	206	.....	.....	.....	.....	.....	.....	.....	42,129	.....	36
264	241	9,545	4,300	2,000	.....	.....	.....	.....	82,373	476,973	17
506	173	.....	23,500	.....	.....	4	2	135,817	47,171	64,275	50
394	92	.....	.....	.....	.....	3	2	5,616	75,508	.....	36
324	258	.....	27,200	.....	.....	.....	.....	.....	.....	1,000,811	.....
1,714	192	9,545	55,000	2,000	.....	7	4	141,433	247,181	1,542,059	139

## FIRST DISTRICT.

153	137	285	500	.....	.....	2	.....	4,800	11,259	1,500	.....
224	163	.....	12,100	.....	.....	3	.....	41,550	29,997	59,360	.....
331	126	5,881	10	.....	.....	3	.....	23,803	99,353	.....	.....
537	107	1,743	14,400	1,840	.....	8	.....	99,654	41,797	48,827	.....
111	84	772	.....	100	.....	1	.....	8,397	11,434	1,733	.....
104	135	2,666	2,500	450	.....	.....	.....	.....	34,294	.....	.....
162	136	4,393	300	.....	.....	1	.....	828	73,398	.....	.....
59	136	.....	150	.....	.....	.....	.....	.....	.....	67,770	.....
1,681	117	15,740	29,960	2,390	.....	18	.....	179,032	301,532	179,190	.....

## FIRST DISTRICT.

379	141	285	500	.....	.....	2	.....	4,800	53,388	1,500	36
224	163	.....	12,100	.....	.....	3	.....	41,550	29,997	59,360	.....
595	133	15,426	4,310	2,000	.....	3	.....	23,803	181,726	476,973	17
1,043	110	1,743	37,900	1,840	.....	12	2	235,471	88,968	113,102	50
111	84	772	.....	100	.....	1	.....	8,397	11,434	1,733	.....
104	135	2,666	2,500	450	.....	.....	.....	.....	34,294	.....	.....
394	92	.....	.....	.....	.....	3	2	5,616	75,508	.....	36
162	136	4,393	300	.....	.....	.....	.....	828	73,398	.....	.....
383	173	.....	27,350	.....	.....	1	.....	.....	.....	1,068,581	.....
3,395	121	25,285	84,960	4,390	.....	25	4	320,465	548,713	1,721,249	139

## SECOND DISTRICT.

*Hon. James McSherry, Director,  
Department of Mines and Minerals,  
Springfield, Illinois.*

SIR: I have the honor of submitting to you the report of this the Second Inspection District, comprising the coal producing counties of Marshall, Peoria, Stark, Tazewell and Woodford, for the year ended December 31, 1935.

The items shown are summarized in the following general statement which likewise shows the comparative figures for the four previous years:

Respectfully submitted,  
GEORGE H. DEEMY, *Inspector.*

	1935	1934	1933	1932	1931
Number of counties producing coal.....	5	5	5	5	5
Number of shipping mines.....	8	8	8	8	8
Number of local mines.....	114	125	155	131	109
Number of employees underground.....	2,503	2,650	2,577	2,362	2,853
Number of employees on surface.....	277	262	305	144	420
Total number employed.....	2,780	2,912	2,882	2,506	3,273
Tons of coal produced in shipping mines.....	1,460,046	1,568,939	1,475,730	853,301	1,330,623
Tons of coal produced in local mines.....	486,377	432,577	420,705	381,777	290,494
Tons of coal produced, total.....	1,946,423	2,001,516	1,896,435	1,235,078	1,621,117
Days operated, shipping mines, average.....	173	181	181	113	146
Days operated, local mines, average.....	120	134	119	119	105
Number of undercutting machines.....	92	93	82	68	86
Tons undercut.....	1,665,255	1,694,914	1,622,198	1,002,956	1,478,358
Tons mined by hand.....	279,468	304,002	269,068	222,803	134,583
Tons mined in strip mines.....	1,700	2,600	5,169	9,319	8,176
Number of loading machines used.....	2			9	1
Tons loaded mechanically.....	30,730			56,599	2,891
Number of fatal accidents.....	4	3	1	4	3
Number of non-fatal accidents.....	170	154	194	130	197
Number of employees to each fatality.....	695	971	2,882	626	1,091
Number employed to each non-fatal accident.....	16	18.9	15	19.2	16.6
Tons of coal mined to each fatality.....	486,606	667,172	1,896,435	308,769	540,372
Tons mined to each non-fatal accident.....	11,450	12,997	9,775	9,578	8,229
Number of fatalities per 1,000 employed.....	1.4	1.0	.3	1.6	.9
Number injured per 1,000 employed.....	61.1	52.9	67.3	51.8	60.2

## FATAL ACCIDENTS.

January 31, Elton J. Swope, top man, aged 19 years, single, killed by explosion of gas engine tank at mine of H. Bates. No dependents.

March 2, Clarence Wesley Heitzman, driver, aged 29 years, single, killed by being crushed between cars at mine of Hollis Coal Co. No dependents.

March 11, Arthur Garey, miner, aged 42 years, widower, killed by fall of slate in mine of Coal Creek Coal Co. One dependent.

April 15, Walter Robinson Short, machine runner, aged 50 years, married, killed by fall of slate in Manhattan Coal Co. mine, leaving wife and three children.

December 20, Harry Walter Carson, motorman, aged 34 years, married, killed by electrocution in mine No. 6 of the Crescent Mining Co., leaving a wife.



## NON-FATAL ACCIDENTS, SECOND DISTRICT.

Name of operator.	Number injured.	Number not re-turned.	Days lost by men returned.		Loss of 7 but less than 30 days.			Loss of 30 or more days.			Month in which accident occurred.	
			Total.	Average.	Number injured.	Days lost.		Number injured.	Days lost.		Month.	Number injured.
						Total.	Average.		Total.	Average.		
Crescent Mining Co., No. 1.....	37	1	1,049	29	25	363	15	11	686	62	January.....	23
Crescent Mining Co., No. 6.....	39	4	1,038	30	19	280	15	16	758	47	February.....	22
Dorthel Coal Co., No. 1.....	12	.....	397	33	6	128	21	6	289	45	March.....	22
Glenwood Mining Co.....	13	.....	268	22	10	193	19	2	75	38	April.....	5
Lake Erie Mining Co.....	15	1	721	51	4	47	12	10	674	67	May.....	12
Roanoke Coal & Tile Co.....	6	.....	314	52	3	55	18	3	259	86	June.....	6
W. G. Sutton.....	11	3	142	18	6	80	13	2	62	31	July.....	7
Uhlen Coal Co.....	*1	*1	.....	.....	.....	.....	.....	.....	.....	.....	August.....	10
Shipping mines.....	134	11	3,929	29	73	1,146	16	50	2,783	56	September.....	13
Local mines.....	36	5	875	28	22	340	16	9	535	59	October.....	27
											November.....	9
											December.....	14
Total.....	170	16	4,804	31	95	1,486	16	59	3,318	56		170

\* Not included in columns showing days lost, etc.

## MARSHALL COUNTY

Number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
LOCAL MINES.							
1	Reed Bros.	Sparland.	1,963				1,963
2	Eagle Coal Mine	Sparland.	1,737				1,500
3	J. H. Pearson.	Sparland.	1,336				1,336
4	C. L. Davis	Sparland.	1,232				1,232
5	W. H. Simpson.	Sparland.	855				855
6	Green & Lishman.	Sparland.	811				811
7	John Davis	Sparland.	602				602
8	W. H. Simpson, No. 1.	Sparland.	545				545
9	Davis & Ingram, No. 1.	Sparland.	374				374
10	Wren & Dawson	Sparland.	348				348
11	Babington & Kaer	Sparland.	275				275
12	Frank Colwell	Henry	244				244
13	Matt Sparr	Sparland.	224				224
14	Louis Green	Sparland.	206				206
15	Babington Bros	Sparland.	176				176
16	Colwell & Pratt	Henry	173				173
17	William Crew	Sparland.	160				160
18	Walsh & Yelm	Sparland.	141				141
19	J. J. Hines	Sparland.	132				132
20	Strong & Chrisman	Sparland.	114				114
21	Peter Kranz	Sparland.	98				98
22	Ingram & Davis	Sparland.	90				90
23	Dalton & Parrish	Sparland.	75				75
24	A. G. Cummings	Sparland.	75				51
25	Williams & Schultz	Sparland.	60				60
25 local mines total			12,046				11,785

## PEORIA COUNTY

SHIPPING MINES.						
1	Crescent Mining Co., No. 1	Peoria	426,908	8,018	411,318	6,828
2	Crescent Mining Co., No. 6	Peoria	611,693	121,515	431,480	57,442
3	Dorthel Coal Co., No. 1	Hanna City	117,910	18,236	84,407	15,117
4	Glenwood Mining Co., No. 4	Edwards	65,989	53,857	7,950	4,182
4 shipping mines total			1,222,500	201,676	935,155	83,569
LOCAL MINES.						
1	Edw. Mohu & Son	Bartonville	66,659			66,559
2	Hill Top Coal Co	Peoria	46,314			46,314
3	Treasure Coal Co	Bartonville	22,903			22,293
4	Middle Road Coal Co	Peoria	19,800			19,800
5	Big Hollow Colliery Co	Peoria	16,565			15,965
6	Dry Run Coal Co	Glasford	13,409			13,350
7	Vicary Bros	Peoria	11,850			11,250
8	Otto Lightbody	Glasford	9,947			9,947
9	Hollis Coal Co	Bartonville	8,327			8,297
10	Lucky Strike Coal Co	Peoria	5,596			5,496
11	D. Roberts, No. 1	Mapleton	5,400			5,396
12	Calhoun Coal Co	Glasford	4,900			4,860
13	Hills Coal Co	Peoria	4,000			3,600
14	Pleasant Hill Coal Co	Peoria	4,000			4,000
15	Jay Bird Coal Co	Oak Hill	3,997			3,937

## SECOND DISTRICT.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
237		6	140	112							1,963			1
		5	180	190							1,737			2
		6	121	125							1,336			3
		6	119	122							1,232			4
		7	100	55							855			5
		4	77	80							811			6
		4	83	87							602			7
		5	48	56							545			8
		4	104	25							374			9
		4	63	43							348			10
		5	45	30							275			11
		3	64	27							244			12
		2	115	20							224			13
		4	51	22							206			14
		3	58	18							176			15
		4	41	17							173			16
		3	77	17							160			17
		6	60	15							141			18
		4	21	14							132			19
		2	31	19							114			20
		3	60	17							98			21
		2	34	10							90			22
		1	21	13							75			23
24		1	30	8							75			24
		2	53	6							60			25
261		97	72	1,148							12,046			

## SECOND DISTRICT.

138	556	356	201		89,800			16	4	426,908			38	1
396	860	536	198		191,900			27	5	611,693			56	2
100		191	160	2			30,425	7	3	117,910			15	3
		127	162	3,361				3	3	31,005	34,984		7	4
684	1,416	1,210	180	3,363	281,700		30,425	53	15	1,187,516	34,984		116	
100		89	166		13,450			5		66,659				1
		50	180	560				3		46,314				2
610		44	177	233				2		22,903				3
		23	180	150				1		18,000	1,800			4
600		23	185	331				2		16,565				5
50		26	209								13,400			6
600		15	169	800							11,850			7
		9	180		1,700			1		9,947				8
30		15	228	285	650			1		6,529	1,798			9
100		10	220	341	3,125						5,596			10
4		11	180	300							5,400			11
40		9	143	493							4,900			12
400		11	250	700							4,000			13
		5	171	80				1		4,000				14
		9	180	390							3,997			15

## PEORIA COUNTY

Number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
16	Catherwood Coal Co.	Hanna City.	3,500				3,500
17	Black Jewel Coal Co.	Oak Hill.	3,296				3,296
18	Kickapoo Valley Coal Co.	Oak Hill.	3,295				3,295
19	H. Johnson & Son.	Oak Hill.	3,000				3,000
20	Beetler & Cupi.	Mapleton.	2,845				2,825
21	S. R. Stever.	Peoria.	2,831				2,831
22	Superior Mining Co.	Peoria.	2,800				2,800
23	A. & T. Coal Co.	Peoria.	2,754				2,669
24	Henry Knaggs.	Pottstown.	2,712				2,712
25	Turner & Son.	Edwards.	2,606				2,606
26	Cusack Coal Co.	Edwards.	2,460				2,460
27	Fred Snider.	Oak Hill.	2,221				2,145
28	Mapleton Coal & Mining Co.	Mapleton.	2,126				2,126
29	A. & P. Coal Co.	Peoria.	2,057				2,057
30	New Pechontas Coal Co.	Peoria.	2,020				2,020
31	Arthur Stenstrom.	Peoria.	1,700				1,500
32	Blue Hollow Coal Co.	Elmwood.	1,680				1,680
33	Reed City Co-Operative Coal Co.	Mapleton.	1,583				1,500
34	Camp Bros.	Princeville.	1,500				1,500
35	Big Bear Coal Co.	Peoria.	1,494				1,494
36	Abe Colwell & Son.	Sparland.	1,470				1,470
37	South Side Coal Co.	Edwards.	1,452				1,452
38	Abe Callear.	Pottstown.	1,226				1,226
39	F. P. Schmidt & Sons.	Peoria.	1,118				1,118
40	Renaldo & Matthews.	Mapleton.	977				977
41	Shamrock Coal Co.	Peoria.	936				936
42	White Ash Coal Co.	Hanna City.	880				880
43	Brady & White.	Peoria.	794				690
44	Patton Coal Co.	Peoria Heights.	723				719
45	Mohn & Callear.	Peoria.	700				700
46	H. Scott.	Mapleton.	700				700
47	Maple Ridge Coal Co.	Edwards.	643				643
48	B. & B. Coal Co.	Peoria.	620				620
49	Midway Coal Co.	Princeville.	603				600
50	George Aman.	Edwards.	500				500
51	Murnan Coal Co.	Princeville.	477				475
52	Leonard Martin.	Princeville.	441				441
53	Young Coal Co.	Peoria.	402				388
54	Thomas Hunt.	Edwards.	365				365
55	Joe C. Fussner.	Brimfield.	300				300
56	Joe Burdess.	Edwards.	300				295
57	Lester Stear.	Peoria.	300				300
58	Philip Krummel.	Oak Hill.	259				259
59	West Point Coal Co.	Edwards.	240				240
60	Peter D. Hoffman.	Edwards.	240				240
61	Haynes Coal Co.	Mapleton.	220				220
62	Harry S. Beecker.	Peoria.	200				200
63	John Smith.	Mapleton.	175				165
64	Gore Coal Co.	Mapleton.	156				156
65	Rocky Glen Coal Co.	Peoria.	150				150
66	Henry Wolford.	Hanna City.	140				140
67	Joe Orr.	Peoria.	120				120
68	Jesse French.	Peoria.	60				60
69	John Murdock.	Brimfield.	50				50
70	Lorenzo Clarkson.	Brimfield.	42				42
71	Oak Grove Coal Co.	Oak Hill.	31				31
71 local mines total.			310, 148				307, 008
75 all mines total.			1, 532, 648	201, 676	935, 155		390, 577

## SECOND DISTRICT—Concluded.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissible—pounds.	Mining machines.	Motors.					
.....	.....	6	180	175	.....	.....	.....	.....	.....	.....	3,500	.....	.....	16
.....	.....	8	160	560	.....	.....	.....	.....	.....	.....	3,296	.....	.....	17
.....	.....	9	175	498	.....	.....	.....	.....	.....	.....	3,295	.....	.....	18
.....	.....	7	190	200	.....	.....	.....	.....	.....	.....	3,000	.....	.....	19
20	.....	6	170	225	.....	.....	.....	.....	.....	.....	2,845	.....	.....	20
.....	.....	10	140	203	.....	.....	.....	.....	.....	.....	2,831	.....	.....	21
.....	.....	7	185	280	.....	.....	.....	.....	.....	.....	2,800	.....	.....	22
85	.....	4	155	282	.....	.....	.....	.....	.....	.....	2,754	.....	.....	23
.....	.....	8	98	177	.....	.....	.....	.....	.....	.....	2,712	.....	.....	24
.....	.....	6	160	.....	5,000	.....	.....	.....	.....	.....	2,606	.....	.....	25
.....	.....	4	160	225	.....	.....	.....	.....	.....	.....	2,460	.....	.....	26
76	.....	8	122	200	.....	.....	.....	.....	.....	.....	2,221	.....	.....	27
.....	.....	7	185	225	.....	.....	.....	.....	.....	.....	2,126	.....	.....	28
.....	.....	7	236	205	.....	.....	.....	.....	.....	.....	2,057	.....	.....	29
.....	.....	5	120	120	.....	.....	.....	.....	.....	.....	2,020	.....	.....	30
200	.....	6	100	.....	.....	.....	.....	.....	.....	.....	.....	1,700	.....	31
.....	.....	7	270	.....	.....	.....	.....	.....	.....	.....	1,680	.....	.....	32
83	.....	9	200	208	.....	.....	.....	.....	.....	.....	1,583	.....	.....	33
.....	.....	7	120	81	.....	.....	.....	.....	.....	.....	1,500	.....	.....	34
.....	.....	7	122	150	.....	.....	.....	.....	.....	.....	1,494	.....	.....	35
.....	.....	3	200	175	.....	.....	.....	.....	.....	.....	1,470	.....	.....	36
.....	.....	6	70	140	.....	.....	.....	.....	.....	.....	1,452	.....	.....	37
.....	.....	6	70	84	.....	.....	.....	.....	.....	.....	1,226	.....	.....	38
.....	.....	6	80	61	.....	.....	.....	.....	.....	.....	1,118	.....	.....	39
.....	.....	2	143	82	.....	.....	.....	.....	.....	.....	977	.....	.....	40
.....	.....	2	156	90	.....	.....	.....	.....	.....	.....	936	.....	.....	41
.....	.....	4	80	85	.....	.....	.....	.....	.....	.....	880	.....	.....	42
104	.....	6	85	69	.....	.....	.....	.....	.....	.....	794	.....	.....	43
4	.....	3	93	62	.....	.....	.....	.....	.....	.....	723	.....	.....	44
.....	.....	2	169	84	.....	.....	.....	.....	.....	.....	700	.....	.....	45
.....	.....	4	70	35	.....	.....	.....	.....	.....	.....	700	.....	.....	46
.....	.....	3	131	69	.....	.....	.....	.....	.....	.....	643	.....	.....	47
.....	.....	5	90	40	.....	.....	.....	.....	.....	.....	620	.....	.....	48
3	.....	6	86	74	.....	.....	.....	.....	.....	.....	603	.....	.....	49
.....	.....	2	225	.....	600	.....	.....	.....	.....	.....	500	.....	.....	50
2	.....	5	86	46	.....	.....	.....	.....	.....	.....	477	.....	.....	51
.....	.....	2	91	39	.....	.....	.....	.....	.....	.....	441	.....	.....	52
14	.....	4	121	22	.....	.....	.....	.....	.....	.....	402	.....	.....	53
.....	.....	2	110	23	.....	.....	.....	.....	.....	.....	365	.....	.....	54
.....	.....	1	100	33	.....	.....	.....	.....	.....	.....	300	.....	.....	55
5	.....	2	60	30	.....	.....	.....	.....	.....	.....	300	.....	.....	56
.....	.....	6	90	50	.....	.....	.....	.....	.....	.....	300	.....	.....	57
.....	.....	3	65	17	.....	.....	.....	.....	.....	.....	259	.....	.....	58
.....	.....	2	80	35	.....	.....	.....	.....	.....	.....	240	.....	.....	59
.....	.....	2	50	.....	375	.....	.....	.....	.....	.....	240	.....	.....	60
.....	.....	2	40	22	.....	.....	.....	.....	.....	.....	220	.....	.....	61
.....	.....	4	60	.....	625	.....	.....	.....	.....	.....	200	.....	.....	62
10	.....	3	130	20	.....	.....	.....	.....	.....	.....	175	.....	.....	63
.....	.....	4	52	16	.....	.....	.....	.....	.....	.....	156	.....	.....	64
.....	.....	3	51	15	.....	.....	.....	.....	.....	.....	150	.....	.....	65
.....	.....	2	60	.....	.....	.....	.....	.....	.....	.....	140	.....	.....	66
.....	.....	2	40	10	.....	.....	.....	.....	.....	.....	120	.....	.....	67
.....	.....	2	10	6	.....	.....	.....	.....	.....	.....	60	.....	.....	68
.....	.....	1	25	.....	.....	.....	.....	.....	.....	.....	50	.....	.....	69
.....	.....	1	45	.....	.....	.....	.....	.....	.....	.....	42	.....	.....	70
.....	.....	3	5	5	.....	.....	.....	.....	.....	.....	31	.....	.....	71
3,140	.....	603	130	16,942	25,525	.....	.....	16	.....	190,917	117,531	1,700	.....	.....
3,824	1,416	1,813	132	20,305	307,225	.....	30,425	69	15	1,378,433	152,515	1,700	116	.....

## STARK COUNTY

Number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
LOCAL MINES.							
1	James Scott	Wyoming	6,886				6,386
2	Mark Plotner	Wyoming	2,846				2,842
3	Downing Bros	Castleton	2,120				2,120
4	W. J. Duncan	Neponset	1,640				1,440
5	Ray Durant	Lafayette	1,437				1,437
6	Bates Coal Co	Kewanee	840				840
7	Reed & Curfman	Wyoming	695				695
8	Catton & Willson	Toulon	500				500
9	W. S. Sturm	Bradford	456				456
10	Arthur Storey Co	Wyoming	360				360
11	G. A. Ohman	Neponset	300				256
12	Deyo & Kingen	Wyoming	100				100
12 local mines total			18,180				17,432

## TAZEWELL COUNTY

SHIPPING MINES.							
1	Lake Erie Mining Co.....	Peoria.....	107,417	38,290	20,561		48,566
2	Ubben Coal Co.....	Pekin.....	33,402	10,187			22,845
2 shipping mines total.....			140,819	48,477	20,561		71,411
LOCAL MINES.							
1	Manhattan Coal & Mining Co.....	East Peoria.....	70,469				70,319
2	Coal Creek Coal Co.....	East Peoria.....	37,447				37,447
3	David Grant.....	Pekin.....	13,911				11,721
4	Lakeside Coal Co.....	Pekin.....	11,483				11,483
5	Lea Bros. & Lamborn.....	East Peoria.....	11,454				11,400
6	Martens Fuel Co.....	East Peoria.....	1,239				1,120
6 local mines total.....			146,003				143,490
8 all mines total.....			286,822	48,477	20,561		214,901

## WOODFORD COUNTY

SHIPPING MINES.							
1	Roanoke Coal & Tile Co.....	Roanoke.....	26,951	5,702	103		18,607
2	W. G. Satton.....	Minonk.....	69,776	29,881			36,695
2 shipping mines total.....			96,727	35,583	108		55,302

## SECOND DISTRICT.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
500		21	180	500							6,886			1
4		9	230	320							2,846			2
		6	166								2,120			3
200		6	120	30							1,640			4
		6	240								1,437			5
		6	82								840			6
		5	240	55							695			7
		5	150	50							500			8
		5	180	56							456			9
		4	130								360			10
44		4									300			11
		8	40	20							100			12
748		85	160	1,031							18,180			

## SECOND DISTRICT.

250	120	145	168	8	26,725			9	5	107,417			8	1
		58	189	400				4	1	33,402			4	2
250	120	203	179	408	26,725			13	6	140,819			12	
150		121	165	40	20,150			4		70,469				1
		51	180		15,600			2		37,447				2
2,190		46	150	250				1		13,911				3
		24	194	290				2		11,483				4
54		18	161		2,900			1		11,454				5
119		8	85	70						1,239				6
2,513		269	156	650	38,650			10		146,003				
2,763	120	471	162	1,058	65,375			23	6	286,822			12	

## SECOND DISTRICT.

2,534		103	140					1		26,951			19	1
3,200		211	164					3		69,776			12	2
5,734		314	152					4		96,727			31	

## SECOND DISTRICT, SHIPPING MINES

Counties.	Number of mines.	Total tons mined.	Disposition of output in tons.					
			Loaded on cars for shipment.	Sold to railroad companies.	Supplied to locomotives.	Sold to local trade.	Used at the mine.	All coal not sold including waste.
Peoria .....	4	1,222,500	201,676	935,155	.....	83,569	684	1,416
Tazewell .....	2	140,819	48,477	20,561	.....	71,411	250	120
Woodford .....	2	96,727	35,583	108	.....	55,302	5,734	.....
Total .....	8	1,460,046	285,736	955,824	.....	210,282	6,668	1,536

## LOCAL MINES

Marshall .....	25	12,046	.....	.....	.....	11,785	261	.....
Peoria .....	71	310,148	.....	.....	.....	307,008	3,140	.....
Stark .....	12	18,180	.....	.....	.....	17,432	748	.....
Tazewell .....	6	146,003	.....	.....	.....	143,490	2,513	.....
Total .....	114	486,377	.....	.....	.....	479,715	6,662	.....

## ALL MINES

Marshall .....	25	12,046	.....	.....	.....	11,785	261	.....
Peoria .....	75	1,532,648	201,676	935,155	.....	390,577	3,824	1,416
Stark .....	12	18,180	.....	.....	.....	17,432	748	.....
Tazewell .....	8	286,822	48,477	20,561	.....	214,901	2,763	120
Woodford .....	2	96,727	35,583	108	.....	55,302	5,734	.....
Total .....	122	1,946,423	285,736	955,824	.....	689,997	13,330	1,536

## RECAPITULATION BY COUNTIES.

Total em- ployees.	Days oper- ated.	Explosives used for blasting coal.				Number of mining ma- chines used.	Number of motors in use.	Tons mined by—			Number of animals underground.
		Pow- der— kegs.	Pellet powder— pounds.	Dyna- mite— pounds.	Permis- sibles— pounds.			Machine.	Hand.	Stripping.	
1,210	180	3,363	281,700	.....	30,425	53	15	1,187,516	34,984	.....	116
203	179	408	26,725	.....	.....	13	6	140,819	.....	.....	12
314	152	.....	.....	.....	.....	.....	4	96,727	.....	.....	31
1,727	173	3,771	308,425	.....	30,425	66	25	1,328,335	131,711	.....	159

## SECOND DISTRICT.

97	72	1,148	.....	.....	.....	.....	.....	.....	12,046	.....	.....
603	130	16,942	25,525	.....	.....	16	.....	190,917	117,531	1,700	.....
85	160	1,031	.....	.....	.....	.....	.....	.....	18,180	.....	.....
268	156	650	38,650	.....	.....	10	.....	146,003	.....	.....	.....
1,053	120	19,771	64,175	.....	.....	26	.....	336,920	147,757	1,700	.....

## SECOND DISTRICT.

97	72	1,148	.....	.....	.....	.....	.....	.....	12,046	.....	.....
1,813	132	20,305	307,225	.....	30,425	69	15	1,378,433	152,515	1,700	116
85	160	1,031	.....	.....	.....	.....	.....	.....	18,180	.....	.....
471	162	1,058	65,375	.....	.....	23	6	286,822	.....	.....	12
314	152	.....	.....	.....	.....	.....	4	96,727	.....	.....	31
2,780	123	23,542	372,600	.....	30,425	92	25	1,665,255	279,468	1,700	159

### THIRD DISTRICT.

*Hon. James McSherry, Director,  
Department of Mines and Minerals,  
Springfield, Illinois.*

SIR: I have the honor of submitting to you the report of this the Third Inspection District, comprising the coal producing counties of Adams, Brown, Fulton, Hancock, Knox, McDonough, Schuyler and Warren, for the year ended December 31, 1935.

The items shown are summarized in the following general statement which likewise shows the comparative figures for the four previous years:

Respectfully submitted,  
F. M. GUTHRIE, *Inspector.*

	1935	1934	1933	1932	1931
Number of counties producing coal	8	8	6	6	6
Number of shipping mines	16	15	7	7	8
Number of local mines	337	335	311	271	244
Number of employees underground	2,012	2,152	2,081	2,176	1,921
Number of employees on surface	753	687	575	396	444
Total number employed	2,765	2,838	2,656	2,572	2,365
Tons of coal produced in shipping mines	2,215,893	1,838,159	1,290,041	1,355,246	1,520,062
Tons of coal produced in local mines	433,615	318,162	499,860	400,059	274,939
Tons of coal produced, total	2,649,508	2,156,321	1,789,901	1,755,305	1,795,001
Days operated, shipping mines, average	168	175	135	122	132
Days operated, local mines, average	98	106	118	123	134
Number of undercutting machines	46	52	49	54	56
Tons undercut	771,014	693,014	775,756	687,962	710,517
Tons mined by hand	299,271	302,678	340,913	283,029	288,767
Tons mined in strip mines	1,579,223	1,160,629	673,232	784,314	795,717
Number of loading machines used	2	1		2	3
Tons loaded mechanically	27,562	4,000		4,169	2,781
Number of fatal accidents	5	2	3	2	3
Number of non-fatal accidents	109	100	108	82	95
Number of employees to each fatality	553	1,419	885	1,286	788
Number employed to each non-fatal accident	25.4	28.4	24.6	31.4	24.9
Tons of coal mined to each fatality	529,902	1,078,161	596,634	877,652	598,334
Tons mined to each non-fatal accident	24,307	21,563	16,573	21,406	18,895
Number of fatalities per 1,000 employed	1.8	0.7	1.1	.78	1.3
Number injured per 1,000 employed	39.4	35.2	40.6	31.9	40.2

#### NEW SHIPPING MINES.

Peterson Coal Co., Fulton County.  
Truax-Traer Coal Co., Fiatt, Fulton County.

#### IDLE MINES.

Canton Coal Co., Canton, Fulton County.  
Livings & Smith, Canton, Fulton County.

## CHANGE OF NAME.

George Swords to D. B. Bayles.

## FATAL ACCIDENTS.

January 24, Ernest Hines, miner, aged 49 years, married, killed by fall of clod in mine of Glore Coal Co., leaving widow and two children.

March 27, Virgil Reed, apprentice miner, aged 22 years, single, killed by fall of clod in Link Strode Coal mine. No dependents.

November 1, Frank Tilola, top man, aged 58 years, single, killed by falling into shaft with car at mine of Rapatee Coal Co. No dependents.

November 26, Raymond M. Knott, miner, aged 27 years, married, killed by fall of clod in mine of Glore Coal Co., leaving a widow.

December 18, Albert Hertz, top man, aged 19 years, single, killed by falling with car from tipple at mine of Wheelhouse Coal Co. Two dependents.

## FATAL ACCIDENTS, THIRD DISTRICT, 1935.

Date of injury.	Date of death.	Name.	Age.	Occupation.	Residence.	Name of operator of mine.	Number or letter of mine.	Married.	Single.	Widow.	Children.	Dependents.	Cause of death.
Jan. 24	24	Ernest Hines	49	Miner	Ellisville	Glore Coal Co.	.....	1	.....	.....	.....	3	Fall of clod.
Mar. 27	27	Virgil Reed	29	Apprentice miner.	London Mills	Link Street Coal Mine.	.....	.....	1	.....	2	.....	Fall of clod.
Nov. 27	27	Frank Tihon	58	Topman	Farrington	Rapids Coal Co.	.....	1	.....	.....	.....	.....	Fell into shaft with car.
Nov. 28	28	Raymond M. Knott	27	Miner	Ash Grove	Glore Coal Co.	.....	1	.....	1	.....	1	Fall of clod.
Dec. 18	19	Albert Hertz	19	Topman	Rushville	Wheelhouse Coal Co.	.....	.....	1	.....	.....	2	Fell from tippie.

## NON-FATAL ACCIDENTS, THIRD DISTRICT.

Name of operator.	Number injured.	Number not re-turned.	Days lost by men returned.		Loss of 7 but less than 30 days.		Loss of 30 or more days.		Month in which accident occurred.	
			Total.	Average.	Number injured.	Days lost.		Number injured.	Month.	Number injured.
						Total.	Average.			
Blakely Coal Co. ....	7	.....	133	19	6	91	15	1	42 January	11
Dorfield Coal Co., No. 2	3	.....	99	33	1	23	23	2	76 February	11
Dorfield Coal Co., No. 3	3	.....	70	23	2	32	16	1	38 March	18
Galesburg Mining Co. ....	32	5	778	28	19	301	16	8	477 April	5
Illinois Colliery Co. ....	9	.....	172	19	7	110	16	2	62 May	6
Midland Electric Coal Corp., No. 2	13	.....	531	41	8	123	15	5	82 June	8
Summit Coal Co. ....	4	.....	10	10	1	10	10	.....	July	2
Truax-Tracer Coal Co., No. 1	9	.....	157	20	6	59	10	2	98 August	8
Truax-Tracer Coal Co., No. 2	2	.....	58	29	1	12	12	1	46 September	12
United Electric Coal Co., No. 9	2	.....	47	24	1	7	7	1	40 October	9
Shipping mines	84	9	2,055	27	52	768	15	23	287 November	7
Local mines	25	1	684	28	15	239	16	9	445 December	109
Total	109	10	2,739	28	67	1,007	15	32	54 Total	109

## ADAMS COUNTY

Number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
LOCAL MINES.							
1	Edward Hummert	Quincy	310				310
2	Orvil H. Swartz	Camp Point	102				102
	2 local mines total		412				412

## BROWN COUNTY

LOCAL MINES.							
1	John Clinger	Clayton	160				160
2	Shepard Bros.	Clayton	125				125
3	Frank Totsch	Clayton	120				120
4	A. L. Cruser	Mt. Sterling	90				90
5	Irwin Williams	Mt. Sterling	90				90
6	Walter Doherty	Mt. Sterling	80				80
7	Washburn-Hendricks	Ripley	80				80
8	George Riley	Versailles	78				78
9	Marvin McQuaid	Mt. Sterling	66				66
10	Robert Bowen	Hersman	60				60
11	Clemens Rang	Mt. Sterling	56				56
12	Harvey Phillips	Mt. Sterling	50				50
13	Milton Hawk	Mt. Sterling	48				48
14	John Gross	Clayton	46				46
15	Ike Walker	LaPrairie	45				45
16	Grant Lamma	Mt. Sterling	40				40
17	Eugene Ashbaker	Ripley	40				40
18	Pea Ridge Central Mine	Timewell	40				40
19	Dick Colclasure	Ripley	36				36
20	Herman Lewis	Ripley	35				35
21	Clyde Logsdon	Hersman	35				35
22	Edward Geisler	Mt. Sterling	33				33
23	Howell & Clayton	Mt. Sterling	32				32
24	Earle P. Gross	Clayton	21				21
25	Lawrence Factor	Mt. Sterling	21				21
26	Virgil Hendricks	Mt. Sterling	20				20
27	Clyde Kindhart	Clayton	18				18
28	Roy Still	Mt. Sterling	15				15
29	R. L. Brown	Clayton	15				15
30	Roland McClain	Clayton	12				12
31	Lamma & Roberts	Mt. Sterling	10				10
32	Lib Hendricks	Timewell	10				10
33	Arthur Klingler	Mt. Sterling	8				8
34	George Kassing	Mt. Sterling	6				6
35	T. L. Henry & Sons	Hersman	5				5
36	Grafton & Taylor	Mt. Sterling	4				4
	36 local mines total		1,650				1,570

## FULTON COUNTY

SHIPPING MINES.							
1	Bayles, D. B.	Canton	6,845	1,154	5,201		490
2	Blakley Coal Co.	Canton	71,197	31,764	6,494		32,356
3	Dorthel Coal Co., No. 2	Farmington	36,133	10,018	25,294		529
4	Dorthel Coal Co., No. 3	Farmington	100,623	64,480	30,350		4,494

## THIRD DISTRICT.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
		2	50						1			310		1
		8	20									102		2
		10	35						1			412		

## THIRD DISTRICT.

		2	96								160			1
		2	100									125		2
		3	40			5						120		3
		2	80	4							90			4
10		2	60									90		5
		1	25									80		6
20		2	30	5							80			7
		1	55	6								78		8
1		1	40									66		9
10		1	70	2								60		10
6		2	50								56			11
		1										50		12
		3	36								48			13
		2	18									46		14
		2	25	3							45			15
		2	25								40			16
10		2	60									40		17
		2	20								40			18
4		2	30									36		19
		1	50									35		20
		1	35									35		21
		2	14									33		22
		2	30									32		23
		1	15									21		24
		3	12									21		25
12		1	20									20		26
		3	6									18		27
		1	15									15		28
		1	22								15			29
		2	35			10						12		30
		2	30									10		31
		2	5									10		32
		1	8								8			33
		1	6									6		34
1		2	30								5			35
		2	4								4			36
80		64	36	20		15					795	855		

## THIRD DISTRICT.

		10	96								6,845		1
	583	69	213		11,850			3	1	71,197			7
292		138	64	103	8,175			2	2	34,701	1,432		2
795		162	182	2,724				7		84,008	16,500		4

## FULTON COUNTY

Number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
5	Golden Rule Coal Co.	Middle Grove	12,436	9,784			2,652
6	Illinois Colliery Co.	Farmington	37,834	27,022	5,200		5,612
7	Midland Elec. Coal Corp., No. 2.	Farmington	593,972	473,880	109,366		
8	Peterson Coal Co.	Canton	5,073	4,823			100
9	Pscherrer & Sons	Canton	79,384	32,000	21,272		26,000
10	Reed Coal Co.	Canton	5,460	5,460			
11	Sunnyside Coal Co.	Cuba	18,473				18,473
12	Swords, Geo., Coal Co.	Canton	2,420	720	1,700		
13	Truax-Traer Coal Co., No. 1.	St. David.	451,193	399,432	51,763		
14	Truax-Traer Coal Co., No. 2.	Fiatt	85,470	66,781	18,689		
15	United Electric Coal Co., No. 9.	Cuba	419,793	359,834	45,758		
15 shipping mines total.			1,926,313	1,477,377	331,371		90,706
LOCAL MINES.							
1	Clearview Mine.	Canton	48,677				48,627
2	Spoon River Coal Co.	London Mills	16,898				16,098
3	Westerly Bros.	Farmington	14,865				14,865
4	Glore Coal Co.	Ellisville	11,036				10,726
5	Tom Jenkins.	Cuba	8,000				8,000
6	Black Eagle Mine.	Canton	7,685				7,685
7	Geo. H. Stambaugh.	Ipava	7,102				7,102
8	Dallefeld Coal Co.	Ellisville	6,861				6,765
9	Rawalt Coal Co.	Norris	5,237				5,237
10	McGlaughlin Bros.	Canton	4,990				4,690
11	Glhee Rockwell.	Ipava	4,953				4,953
12	Thompson Bros.	Canton	4,098				4,098
13	Elias Bros. Coal Co.	Fairview	4,058				3,758
14	Midway Coal Co.	Canton	3,817				3,817
15	Coogan Gravel Co.	Peoria	3,680				3,680
16	Stevenson Bros.	Ellisville	3,674				3,674
17	Sugarville Coal Co.	Sugarville	3,600				3,600
18	Rapatee Coal Co.	Farmington	3,597				3,597
19	Andrew Bennett.	Bryant	3,200				3,200
20	T. E. Wilson.	Sumnum	3,128				3,128
21	D. & D. Coal Co.	Cuba	3,000				3,000
22	Mound Coal Co.	Liverpool	3,000				3,000
23	R. O. Livers.	St. David	2,836				2,836
24	Kitzler Coal Co., No. 1.	Glasford	2,298				2,298
25	Jerry Yocum & Sons.	Lewistown	2,200				2,200
26	Service Coal Co.	Canton	2,115				2,115
27	Wm. Ackerson.	Cuba	2,000				2,000
28	Turkey Creek Mine.	Ellisville	2,000				2,000
29	Geo. W. Deary.	St. David.	1,957				1,957
30	Avon Coal Co.	Avon	1,921				1,921
31	Bedwell Bros.	Glasford	1,800				1,800
32	Big 4 Coal Mine.	Ipava	1,780				1,780
33	John Strode.	Canton	1,775				1,775
34	Tony Kanzariab.	Farmington	1,680				1,680
35	Joe Brons Coal Co.	Norris	1,632				1,532
36	P. A. Drudi & Monge Bros.	Glasford	1,500				1,500
37	Lindquist & Taylor.	Lewistown	1,500				1,500
38	Clark & Lightbody.	Glasford	1,467				1,467
39	C. J. Langstaff.	Canton	1,344				1,344
40	Elmer Simpson.	Cuba	1,300				1,300
41	Buckhart Coal Co.	Canton	1,235				1,235
42	Lester Pete fish.	Astoria	1,147				947
43	A. M. Cozine.	Lewistown	1,132				1,121
44	B. & M. Coal Co.	Canton	1,107				1,107
45	A. E. Planque.	Canton	1,098				1,098
46	Pleasant Valley Coal Co.	Glasford	1,094				800
47	Hollandsworth & McCowan.	Glasford	1,077				1,077
48	West End Mine.	Astoria	1,048				1,040
49	Walter Clauson.	Glasford	1,000				1,000
50	Rapatee Coal Co.	Farmington	1,000				1,000

## THIRD DISTRICT—Continued.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
4,835	5,891	12	245		3,750			1		12,436			2	5
150		52	145		756			2	1	37,834			5	6
112		150	279									593,972	7	7
		4	121		600							5,073	8	8
		75	208		45,000			3	2	79,384			7	9
		12	188	273							5,460		2	10
		53	233	738							18,473		5	11
		9	53	25								2,420	12	12
		90	213				36,950					451,195	13	13
		57	53				4,150					85,470	14	14
2,033	12,168	96	188	2,702		1,869	623					419,793	15	15
8,217	18,642	989	165	6,565	70,131	1,869	41,723	22	8	319,620	41,925	1,564,768	58	
50		41	250	350				2		48,677				1
800		23	204		650			1		12,813	4,085			2
		22	170	878							14,865			3
310		15	210	1,058							11,036			4
		6	168	336							8,000			5
		12	136	461							7,685			6
		8	265	265							7,102			7
96		12	241	646							6,861			8
		21	60		1,400			1		5,237				9
300		8	211	258							4,990			10
		8	235	200				1		4,953				11
		9	270	260							4,098			12
300		10	250	255							4,058			13
		10	76	190				1		3,817				14
		14	23		200							3,680		15
		10	240		8,300						3,674			16
		6	150	175							3,600			17
		11	110	100				1		3,597				18
		11	140	215							3,200			19
		9	250	100							3,128			20
		9	225	300							3,000			21
		13	104		450			1		2,000	1,000			22
		8	87	12								2,836		23
		4	168	213							2,298			24
		4	190	76							2,200			25
		10	140	100							2,115			26
		9	155	100							2,000			27
		7	120	125							2,000			28
		11	120	100							1,957			29
		6	180	220							1,921			30
		3	100	180							1,800			31
		10	155	40							1,780			32
		8	85	82							1,775			33
		4	120	84							1,680			34
100		7	78	90							1,632			35
		3	150	40							1,500			36
		6	146	152							1,500			37
		3	160	100							1,467			38
		4	210	45							1,344			39
		4	240	125							1,300			40
		6	90	45							1,235			41
200		10	57	33							1,147			42
11		4	160	16								1,132		43
		5	80	55							1,107			44
		3	180	55							1,098			45
294		3	210	96					1		1,094			46
		8	70	100							1,077			47
8		6	184	112							1,048			48
		10	65	100							1,000			49
		14	50	50				1		1,000				50

## FULTON COUNTY

Number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
51	M. & C. Coal Co	Monmouth	800				800
52	Pheasant Bros. White Ash	Fairview	792				792
53	Malgram Coal Co	Glasford	760				760
54	James W. Ley	Canton	746				746
55	John Cimo	Lewistown	740				740
56	White Ash Coal Co	Canton	711				711
57	Earl Flynn	Canton	657				657
58	Stockham & Mason	Cuba	642				642
59	Rice Lake Coal Co	Glasford	640				610
60	Geo. A. Hollandsworth	Canton	640				640
61	Steve Delach	St. David	635				635
62	Chas. Dilts & Son	Fiatt	630				630
63	Jack Zaborac	Cuba	600				600
64	Geo. Street	Fairview	600				600
65	Joe Davis	Astoria	550				542
66	Fred E. Lingenfelter & Sons	Canton	546				546
67	Willard Mellert	Canton	524				524
68	August Von Ach	Cuba	500				500
69	Geo. Baughman	Marietta	488				488
70	Sheldon P. Lingenfelter	Canton	480				480
71	Johnson & Skinner	Canton	480				480
72	Geo. Shubert Coal Co	Canton	442				442
73	V. O. Dudley & Wells	Canton	400				400
74	James Grindle & Son	Cuba	400				400
75	A. Blagden	Avon	385				385
76	Thompson & Shafer	Astoria	354				354
77	H. B. Brush	Marietta	350				350
78	Henry Herriford	Ipava	344				344
79	Russell Marquis	Astoria	300				300
80	Frank Brown	Bryant	288				288
81	Carl E. Richards	Canton	285				285
82	Albert Zaborac	St. David	277				277
83	Whitehead Coal Co	Lewistown	260				260
84	Joe Dorich	Canton	256				256
85	Lewis Swearingen	Cuba	250				225
86	John Daniels	Ellisville	250				250
87	Ketchum Coal Co	Canton	250				250
88	Philip Franciskovich	Canton	242				193
89	Engle Bros	Cuba	236				236
90	Joe Dufour	Fairview	225				225
91	Banner Coal Co	Canton	225				225
92	Lindsey & Meacham	Canton	216				216
93	Boardwine & Co	Bryant	201				201
94	Country Club Mine	Avon	200				200
95	Stremel Coal Co	Sumnum	200				160
96	St. David Coal Co	St. David	200				200
97	H. H. Bitner	Glasford	200				200
98	George C. Bobo	Canton	200				200
99	O. E. Jackson	Canton	200				200
100	John Strode	Canton	200				200
101	Frank Lee & Son	Canton	198				198
102	Frank Juraco	Canton	195				195
103	White Ash Coal Co	Canton	186				186
104	Hendee Bros	Havana	160				150
105	Charles Raker	Lewistown	150				150
106	Westerfield Bros	Canton	150				150
107	Conley, Anderson & Manion	Cuba	150				150
108	Charles Harris	Canton	150				146
109	John Frasco	Canton	150				150
110	Everett Kirkpatrick	Canton	130				150
111	John Brooks	Cuba	123				123
112	C. W. Carver	Canton	125				123
113	W. A. McCone	Fairview	120				120
114	R. M. Pointer	Fairview	110				110
115	John Bruketa	Farmington	110				110
116	Happy Hollow Coal Co	Canton	109				109

## THIRD DISTRICT—Continued.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machines.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
		3	138	45							800			51
		6	157	93							792			52
		5	80	40							760			53
		5	125	57							746			54
		4	125	55							740			55
		6	60	29							711			56
		5	80		1,125						657			57
		3	145	47							642			58
30		3	102	80							640			59
		12	200		1,150						640			60
		3	130	60							635			61
		5	160	50							630			62
		1	110	50							600			63
		5	180	75							600			64
8		3	75	35							550			65
		3	91		500						546			66
		1	164	39							524			67
		3	100	25							500			68
		3	150								488			69
		1	125	25							480			70
		4	90	140							480			71
		3	30	22							442			72
		4	100	20							400			73
		2	170	15							400			74
		3	176	46							385			75
		12	117	16							354			76
		2	100	18							350			77
		2	110	40							344			78
		2	60	7							300			79
		3	72	16							288			80
		1	60	19							285			81
		2	52	15							277			82
		4	80	65							260			83
		1	115	15							256			84
25		2	48	16							250			85
		2	150	5							250			86
		3	78	25							250			87
44		1	189	16							242			88
		2	80	9							236			89
		2	120	10							225			90
		2	40	20							225			91
		3	45	12							216			92
		2	49	15							201			93
		4	75	18							200			94
40		2	54	3								200		95
		5	70		625						200			96
		2	40	15							200			97
		2	62	9							200			98
		3	20	10							200			99
		2	21	12							200			100
		3	125	16							198			101
		1	60	20							195			102
		3	79	20							186			103
10		2	125	16							160			104
		3	30	20							150			105
		2	60	10							150			106
		3	25	4							150			107
4		3	45	2								150		108
		2	70	8							150		150	109
		1	48	8							130			110
		1	60	8							123			111
		1	90	8							125			112
		2	20	3							120			113
		5	90	6							110			114
		2	80	7							110			115
		3	40	5							109			116

## FULTON COUNTY

Number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
117	John Haynes & Son	Canton	80				80
118	Stokes & Conway	Canton	75				74
119	Joe Wells	Canton	72				72
120	Carl Zaborac	Canton	65				65
121	Marion Stufflebeam	St. David	63				63
122	Len Savil	Canton	60				60
123	Frank English	Marietta	56				56
124	Ray Booth	Canton	54				54
125	John Starceovich	Canton	50				40
126	Z. Stufflebeam	Canton	50				50
127	R. R. Hubbs	Summum	50				50
128	Billings & Brooks	Lewistown	49				49
129	Clarence Danner	Astoria	45				45
130	Mike Pettit	Ipava	44				40
131	Elsie Wrestler	Havana	40				40
132	Deloss Thompson	Ipava	30				30
133	Pete Karlovich	St. David	25				25
134	North Smith Mine	Marietta	25				25
135	Ed. Budd	Ipava	24				24
136	Mitchell & Hayden, No. 1	Lewistown	22				22
137	Joe Traynor	Canton	15				15
138	Matt Kumes	Canton	15				15
138 local mines total			243,526				240,881
153 all mines total			2,169,839	1,452,177	355,851		332,307

## HANCOCK COUNTY

LOCAL MINES.						
1	A. E. Roberts	Augusta	1,606			1,600
2	C. H. Ellis & Son	Augusta	935			935
3	Low Ash Coal Co.	Augusta	900			900
4	Audra Martin	Augusta	850			850
5	Eddie Hiland	Augusta	550			550
6	Everett Meredith	Augusta	438			438
6 local mines total			5,279			5,273

## KNOX COUNTY

SHIPPING MINES.						
1	Galesburg Mining Co.	Galesburg	289,580	22,429	211,480	53,611
LOCAL MINES.						
1	Knoxville Mining Co.	Knoxville	67,543			66,448
2	Bowman Coal Co.	Yates City	3,000			3,000
3	Western Coal Co.	Middle Grove	2,651			2,631
4	Leslie Williams	Maquon	2,607			2,607
5	Gavin Graham	Rapatee	2,135			2,135
6	J. F. Morse	Maquon	1,725			1,725
7	L. S. Purviance	Middle Grove	1,500			1,500
8	Wm. Mertz	Maquon	1,217			1,217
9	Etherly Coal Co.	Victoria	1,158			1,142

## THIRD DISTRICT—Concluded.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
1		2	20	15							80			117
		5	23	7							75			118
		2	34	21							72			119
		2	60	4							65			120
		2	20	4							63			121
		1	30		50						60			122
		2	90	8							56			123
		2	25	3							54			124
10		2	30	10							50			125
		2	30	5							50			126
		2	20	3							50			127
		3	17	7							49			128
		3	25	2							45			129
4		2	20	4							44			130
		1	50	4							40			131
		1	44	4							30			132
		2	10	2							25			133
		1	50								25			134
		1	20	4							24			135
		3	18	5							22			136
		2	4	1							15			137
		1	10	2							15			138
2,645		694	105	9,973	14,450			9	1	82,094	153,434	7,998		
10,862	18,642	1,683	111	16,536	84,581	1,869	41,723	31	8	401,715	195,358	1,572,766	58	

## THIRD DISTRICT.

6		7	200								1,606			1
		5	100	100							935			2
		5	90									900		3
		7	225	25							850			4
		3	160								550			5
		4	108	20							438			6
6		31	147	145							4,379	900		

## THIRD DISTRICT.

850	1,210	295	210	1,411	46,625			12	5	285,474	4,106		35	1
1,095		72	241	676				2		67,543				1
		7	160	200							3,000			2
20		10	275	175							2,651			3
		8	160	300							2,607			4
		7	154	186							2,135			5
		5	172	143							1,725			6
		8	200	75							1,500			7
		3	127	101							1,217			8
16		8	176								1,158			9

## KNOX COUNTY

Number	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
10	Ada Lockett	Monmouth	1,139				1,130
11	Homer Morse	Maquon	1,094				1,094
12	Ed Boostrom	Victoria	1,000				1,000
13	C. H. Dehm	Middle Grove	879				879
14	C. R. Dimmick	Victoria	722				720
15	Ross Fogg	Farmington	720				720
16	Wataga Coal Co.	Wataga	707				700
17	Humphries & Manuell	Knoxville	477				465
18	George Enders	Victoria	460				457
19	Jake Hubbell	Middle Grove	435				435
20	Chas. Johnson	Maquon	417				417
21	Geo. & Gerald Strom	Victoria	400				400
22	Westfall Bros.	Knoxville	375				365
23	Ed Horkstrom	Victoria	325				325
24	Wm. Charnock	Knoxville	261				254
25	Leonard Stegall	Oneida	200				200
26	G. A. Westerfield	Galesburg	200				190
27	H. L. Salmonds	Hermion	172				172
28	Hays Dalton	Yates City	143				143
29	Wm. H. Norton	Farmington	141				118
30	Chas. Murphy	Victoria	120				120
31	Peter Nordlund	Victoria	100				100
32	Ed Larner	Victoria	80				80
33	William Caldwell	Galesburg	80				78
34	Larney Westfall	Knoxville	75				73
35	James Gale	Victoria	60				60
36	Sopher & Goff	Victoria	50				50
37	J. B. Morse	Maquon	50				50
38	Chas. Johnson	Oneida	47				47
39	Frank Bowers	Yates City	45				45
40	Tom King	Victoria	40				40
41	H. L. Sprinkle	East Galesburg	40				38
42	W. J. Scott	Knoxville	38				37
43	A. A. Bangston	Wataga	25				25
44	Nora O'Brien	Victoria	24				24
45	Will Weedman	Victoria	12				12
45 local mines total			94,689				93,468
46 all mines total			384,269	22,429	211,480		147,079

## MC DONOUGH COUNTY

LOCAL MINES.							
1	James Mordue & Co.	Colechester	640				640
2	Herman Vogler	Macomb	627				627
3	Frank Fox & Co.	Colechester	575				575
4	Waddill Bros.	Tennessee	475				475
5	Baird Coal Co.	Colechester	431				431
6	Parke McClure	Colechester	422				422
7	Thos. Hocker	Colechester	420				420
8	John Nelson	Colechester	416				416
9	Booth & Bexson	Colechester	400				400
10	Ralph Greenbank	Colechester	320				320
11	Archie S. Booth	Colechester	300				300
12	Chas. Kimball	Industry	280				280
13	P. F. Whalen	Colechester	261				261
14	Whalen & Flack	Colechester	260				260
15	Fentem Bros.	Colechester	225				225
16	T. J. Atkinson	Colechester	192				192
17	D. A. Rickard	Colechester	190				190

## THIRD DISTRICT—Concluded.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
9		10	60	100							1,139			10
		7	90								1,094			11
		8	200								1,000			12
		3	150	74							879			13
2		4	300								722			14
		6	65	80							720			15
7		9	50								707			16
11		7	60	20							477			17
3		3	105								460			18
		4	180	45							435			19
		3	55	28							417			20
		6	120								400			21
10		3	150								375			22
		3	160								325			23
7		2	130								261			24
		4	102								200			25
10		2	90								200			26
		2	120								172			27
		3	43	1								143		28
23		1	40									141		29
		6	80											30
		1	60								120			31
		2	90								100			32
2		1	75								80			33
2		2	60								80			34
		2	15	1							75			35
		2	70								60			36
		2	35	5							50			37
		3	25								50			38
		2	20								47			39
		2	30									45		40
2		1	30								40			41
1		2	20								40			42
		1	20								38			43
1		1									25			44
		2	10								24			45
											12			
1,221		250	104	2,210				2		67,543	26,817	329		
2,071	1,210	545	106	3,621	46,625			14	5	353,017	30,923	329	35	

## THIRD DISTRICT.

		4	200								640			1
		4	122								627			2
		4	200								575			3
		2	200								475			4
		10	30									431		5
		4	102								422			6
		3	60								420			7
		4	80								416			8
		4	100								400			9
		2	182								320			10
		2	150								300			11
		3	125								280			12
		3	108								261			13
		2	140								260			14
		2	150								225			15
		4	60		100							192		16
		2	300								190			17

## MC DONOUGH COUNTY

Number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
18	Frisbie & Sons	Fandon	173				173
19	Ed Zinn	Industry	159				159
20	Stoneking Bros	Birmingham	156				156
21	Amos Atkinson	Colchester	121				121
22	Merle Humes	Colchester	120				120
23	Thos. Porter	Colchester	120				120
24	Geo. Carey	Birmingham	116				90
25	W. E. Lindsey	Industry	108				108
26	John C. McGrann	Colchester	90				90
27	Wm. & Lenard Haines	Industry	82				82
28	Thos. W. Smith	Birmingham	80				80
29	J. L. Willey	Macomb	77				77
30	Wm. Carver	Macomb	56				56
31	Jess Wayland	Colchester	40				40
32	Herbert Stone	Colchester	40				40
33	Alva Reynolds	Colchester	32				32
34	Davidson & Wagle	Tennessee	25				25
35	Earl Brunt	Colchester	15				15
36	Kilgore & Co.	Colchester	10				10
37	Geo. Oldham	Macomb	8				8
37 local mines total			8,062				8,036

## SCHUYLER COUNTY

LOCAL MINES.						
1	Big Four Coal Co.	Rushville	25,733			25,013
2	A. H. McCormick & Sons	Rushville	7,764			7,264
3	Little Dog Mine	Rushville	5,250			5,250
4	Beebe & Wallace	Rushville	4,057			4,057
5	Wheelhouse Coal Co.	Rushville	2,487			2,487
6	Wheelhouse & Son	Rushville	2,000			2,000
7	C. A. Tomlinson	Rushville	1,869			1,869
8	Stroup & Son Coal Co.	Littleton	1,817			1,817
9	Dale & Murk, No. 1	Rushville	1,779			1,779
10	Frank Clevanger	Littleton	1,440			1,440
11	F. E. Hendricks	Rushville	1,400			1,400
12	Economy Coal Co.	Rushville	1,293			1,293
13	O. F. Edington	Industry	1,200			1,180
14	Rebman Bros	Rushville	1,110			1,110
15	Archie Shanks	Littleton	1,006			1,006
16	Warren Dennis	Birmingham	1,000			990
17	Diek Stotler	Littleton	900			900
18	E. C. McGuire	Birmingham	800			800
19	Gibson Coal Co.	Rushville	770			770
20	John S. Miller	Ray	750			750
21	Square Deal Coal Co.	Littleton	700			700
22	Sugar Grove Coal Co.	Astoria	685			685
23	John Marine	Rushville	663			659
24	J. W. Stafford	Ray	625			615
25	B. H. Young	Ray	506			506
26	Earl Kuhn	Camden	410			410
27	E. E. Rining	Frederick	338			338
28	Caldwells Mine	Industry	300			300
29	John Wes Jones	Ray	273			273
30	Monroe Pershing	Birmingham	255			230
31	Art Allen	Birmingham	250			200
32	Root & Thompson	Rushville	250			250
33	Ray Pittman	Huntsville	215			215
34	Francis Finch	Industry	215			215
35	Homer Skiles	Ray	215			215

## THIRD DISTRICT—Concluded.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
.....	.....	2	87	.....	.....	.....	.....	.....	.....	.....	173	.....	.....	18
.....	.....	4	65	.....	4	.....	.....	.....	.....	.....	159	.....	.....	19
.....	.....	2	110	.....	.....	.....	.....	.....	.....	.....	156	.....	.....	20
.....	.....	2	75	.....	.....	.....	.....	.....	.....	.....	121	.....	.....	21
.....	.....	1	105	.....	.....	.....	.....	.....	.....	.....	120	.....	.....	22
.....	.....	2	108	.....	.....	.....	.....	.....	.....	.....	120	.....	.....	23
26	.....	4	30	.....	.....	.....	.....	.....	.....	.....	116	.....	.....	24
.....	.....	3	45	.....	.....	.....	.....	.....	.....	.....	108	.....	.....	25
.....	.....	2	50	.....	.....	.....	.....	.....	.....	.....	96	.....	.....	26
.....	.....	2	41	10	.....	.....	.....	.....	.....	.....	82	.....	.....	27
.....	.....	3	80	.....	.....	.....	.....	.....	.....	.....	80	.....	.....	28
.....	.....	2	55	.....	.....	.....	.....	.....	.....	.....	77	.....	.....	29
.....	.....	2	30	.....	.....	.....	.....	.....	.....	.....	56	.....	.....	30
.....	.....	2	22	.....	.....	.....	.....	.....	.....	.....	40	.....	.....	31
.....	.....	1	40	.....	.....	.....	.....	.....	.....	.....	40	.....	.....	32
.....	.....	1	25	.....	.....	.....	.....	.....	.....	.....	32	.....	.....	33
.....	.....	2	20	.....	.....	.....	.....	.....	.....	.....	25	.....	.....	34
.....	.....	1	25	.....	.....	.....	.....	.....	.....	.....	15	.....	.....	35
.....	.....	1	15	.....	.....	.....	.....	.....	.....	.....	10	.....	.....	36
.....	.....	2	10	.....	.....	.....	.....	.....	.....	.....	8	.....	.....	37
26	.....	100	90	14	.....	100	.....	.....	.....	.....	7, 439	623	.....	.....

## THIRD DISTRICT.

720	.....	26	295	1, 295	.....	.....	.....	1	.....	16, 283	9, 450	.....	.....	1
500	.....	9	300	598	.....	.....	.....	.....	.....	.....	7, 764	.....	.....	2
.....	.....	12	225	435	.....	.....	.....	.....	.....	.....	5, 250	.....	.....	3
.....	.....	9	240	580	.....	.....	.....	.....	.....	.....	4, 057	.....	.....	4
.....	.....	12	72	125	.....	.....	.....	.....	.....	.....	2, 487	.....	.....	5
.....	.....	11	80	80	.....	.....	.....	.....	.....	.....	2, 000	.....	.....	6
.....	.....	6	175	74	.....	.....	.....	.....	.....	.....	1, 869	.....	.....	7
.....	.....	13	270	.....	.....	.....	.....	.....	.....	.....	1, 817	.....	.....	8
.....	.....	7	76	118	.....	.....	.....	.....	.....	.....	1, 779	.....	.....	9
.....	.....	7	163	35	.....	.....	.....	.....	.....	.....	1, 440	.....	.....	10
.....	.....	16	250	20	.....	.....	.....	.....	.....	.....	.....	1, 400	.....	11
.....	.....	11	24	6	.....	.....	.....	.....	.....	.....	.....	1, 293	.....	12
20	.....	5	200	90	.....	.....	.....	.....	.....	.....	1, 200	.....	.....	13
.....	.....	5	200	150	.....	.....	.....	.....	.....	.....	1, 110	.....	.....	14
.....	.....	6	268	51	.....	.....	.....	.....	.....	.....	1, 006	.....	.....	15
10	.....	2	250	.....	.....	.....	.....	.....	.....	.....	1, 000	.....	.....	16
.....	.....	6	200	.....	.....	.....	.....	.....	.....	.....	900	.....	.....	17
.....	.....	7	150	.....	.....	.....	.....	.....	.....	.....	800	.....	.....	18
.....	.....	7	70	52	.....	.....	.....	.....	.....	.....	770	.....	.....	19
.....	.....	7	150	.....	.....	.....	.....	.....	.....	.....	750	.....	.....	20
.....	.....	7	125	100	.....	.....	.....	.....	.....	.....	700	.....	.....	21
.....	.....	6	63	19	.....	.....	.....	.....	.....	.....	685	.....	.....	22
.....	.....	2	200	44	.....	.....	.....	.....	.....	.....	663	.....	.....	23
4	.....	4	250	15	.....	.....	.....	.....	.....	.....	625	.....	.....	24
10	.....	4	170	.....	.....	.....	.....	.....	.....	.....	506	.....	.....	25
.....	.....	2	200	.....	.....	.....	.....	.....	.....	.....	410	.....	.....	26
.....	.....	2	120	25	.....	.....	.....	.....	.....	.....	338	.....	.....	27
.....	.....	3	90	12	.....	.....	.....	.....	.....	.....	300	.....	.....	28
.....	.....	1	100	.....	.....	.....	.....	.....	.....	.....	273	.....	.....	29
25	.....	3	150	25	.....	.....	.....	.....	.....	.....	.....	255	.....	30
50	.....	4	110	.....	.....	.....	.....	.....	.....	.....	.....	250	.....	31
.....	.....	3	120	20	.....	.....	.....	.....	.....	.....	250	.....	.....	32
.....	.....	2	100	.....	.....	.....	.....	.....	.....	.....	215	.....	.....	33
.....	.....	2	130	15	.....	.....	.....	.....	.....	.....	215	.....	.....	34
.....	.....	2	120	.....	.....	.....	.....	.....	.....	.....	215	.....	.....	35

## SCHUYLER COUNTY

Number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
36	Elmer Trone .....	Browning .....	185				185
37	Troy Knight .....	LaPrairie .....	159				159
38	Lewis Lambert .....	Huntsville .....	154				154
39	Phillips Bros. ....	Ray .....	150				150
40	W. B. Baxter .....	Birmingham .....	130				125
41	Clyde Vincent .....	Ray .....	125				120
42	Clyde Sprinkle .....	Littleton .....	100				100
43	Lotz & Self .....	Rushville .....	100				80
44	Frank Hite .....	Birmingham .....	100				80
45	Delmar Adams .....	Littleton .....	100				100
46	Ewing Bros. ....	Rushville .....	100				80
47	Roderick Carr .....	Frederick .....	98				98
48	Ivan Derry .....	Birmingham .....	95				95
49	H. H. Hughes .....	Rushville .....	75				75
50	James McCants .....	Birmingham .....	70				68
51	Little 4 Mine .....	Littleton .....	64				56
52	Berlin Derry .....	Birmingham .....	59				59
53	Clyde Peterson .....	Birmingham .....	50				50
54	Chester Ballou .....	Rushville .....	50				50
55	Earl Kuhn .....	Camden .....	50				50
56	David Vollmer .....	Ray .....	40				40
57	Clifford Spillers .....	Rushville .....	25				20
58	McCullough & Bowman .....	Littleton .....	25				25
59	Dewey Frisbie .....	Industry .....	20				20
60	Erny Kilhum .....	Littleton .....	20				20
61	Otis Gorsuch .....	Littleton .....	19				19
62	Granville McComes .....	Browning .....	15				15
63	Leo Campbell .....	Rushville .....	11				11
63 local mines total .....			72,514				71,090

## WARREN COUNTY

LOCAL MINES.					
1	Howard's Coal Mine .....	Alexis .....	3,222		3,222
2	A. L. Richardson & Sons .....	Alexis .....	1,902		1,652
3	Geo. Baker .....	Alexis .....	1,158		1,158
4	Lon Bryner .....	Roseville .....	330		330
5	E. J. Bailey .....	Gerlaw .....	215		200
6	A. E. Manuel .....	Roseville .....	212		207
7	Bainbridge & Dial .....	Alexis .....	162		159
8	S. W. Wallingford .....	Roseville .....	120		120
9	Clayton Bros. ....	Avon .....	112		110
10	Joe Trayner .....	Gerlaw .....	50		50
10 local mines total .....			7,483		7,208

## THIRD DISTRICT—Concluded.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
		2	90								185			36
		2	75								159			37
		2	100								154			38
		2	90								150			39
	5	2	85	8							139			40
	5	3	100	25							125			41
		7	50	10							109			42
	20	3	75	20							100			43
	20	2	60								100			44
		2	60	5							100			45
	20	3	90	10							100			46
		2	65	8							98			47
		2	64								95			48
		1	100									75		49
	2	1	40								70			50
	8	4	45	4							64			51
		1	55								59			52
		2	100									50		53
		1	75	5							50			54
		2	50	2							50			55
		1	50								40			56
	5	1	21	5							25			57
		2	25								25			58
		1	20	1							20			59
		3	20								20			60
		1	15								19			61
		2	10									15		62
		2	20	1							11			63
1,424		290	117	4,088				1		16,283	52,893	3,338		

## THIRD DISTRICT.

		7	260	355				1			3,222			1
250		7	129	170							1,902			2
		10	55	72							1,158			3
		4	105								330			4
15		3	52	18							215			5
5		3	108								212			6
3		2	32	12							162			7
		2	85								129			8
2		2	60								112			9
		2	30	3							50			10
275		42	91	660				1			7,483			

## THIRD DISTRICT, SHIPPING MINES

County.	Number of mines.	Total tons mined.	Disposition of output in tons.					
			Loaded on cars for shipment.	Sold to railroad companies.	Supplied to locomotives.	Sold to local trade.	Used at the mine.	All coal not sold including waste.
Fulton.....	15	1,926,313	1,477,377	331,371	.....	90,706	8,217	18,642
Knox.....	1	289,580	22,429	211,480	.....	53,611	850	1,210
Total.....	16	2,215,893	1,499,806	542,851	.....	144,317	9,067	19,852

## LOCAL MINES

Adams.....	2	412	.....	.....	.....	412	.....	.....
Brown.....	36	1,650	.....	.....	.....	1,570	80	.....
Fulton.....	138	243,526	.....	.....	.....	240,881	2,645	.....
Hancock.....	6	5,279	.....	.....	.....	5,273	6	.....
Knox.....	45	94,689	.....	.....	.....	93,468	1,221	.....
McDonough.....	37	8,062	.....	.....	.....	8,036	26	.....
Schuyler.....	63	72,514	.....	.....	.....	71,090	1,424	.....
Warren.....	10	7,483	.....	.....	.....	7,208	275	.....
Total.....	337	433,615	.....	.....	.....	427,938	5,677	.....

## ALL MINES

Adams.....	2	412	.....	.....	.....	412	.....	.....
Brown.....	36	1,650	.....	.....	.....	1,570	80	.....
Fulton.....	153	2,169,839	1,452,177	355,851	.....	331,587	10,862	18,642
Hancock.....	6	5,279	.....	.....	.....	5,273	6	.....
Knox.....	46	384,269	22,429	211,480	.....	147,079	2,071	1,210
McDonough.....	37	8,062	.....	.....	.....	8,036	26	.....
Schuyler.....	63	72,514	.....	.....	.....	71,090	1,424	.....
Warren.....	10	7,483	.....	.....	.....	7,208	275	.....
Total.....	353	2,649,508	1,499,806	542,851	.....	572,255	14,744	19,852

## RECAPITULATION BY COUNTIES.

Total employees.	Days operated.	Explosives used for blasting coal.				Number of nailing machines used.	Number of motors in use.	Tons mines by—			Number of animals underground.
		Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissible—pounds.			Machine.	Hand.	Stripping.	
989	165	6,565	70,131	1,869	41,723	22	8	319,620	41,925	1,564,768	58
295	210	1,411	46,625	.....	.....	12	5	285,474	4,106	.....	35
1,284	168	7,976	116,756	1,869	41,723	34	13	605,094	46,031	1,564,768	93

## THIRD DISTRICT.

10	35	.....	.....	.....	.....	.....	1	.....	.....	412	.....
64	35	20	.....	15	.....	.....	.....	.....	795	855	.....
694	105	9,973	14,450	.....	.....	9	1	82,094	153,434	7,998	.....
31	147	145	.....	.....	.....	.....	.....	.....	4,379	900	.....
250	104	2,210	.....	.....	.....	2	.....	67,543	26,817	329	.....
100	90	14	.....	100	.....	.....	.....	.....	7,439	623	.....
290	117	4,088	.....	.....	.....	1	.....	16,283	52,893	3,338	.....
42	91	660	.....	.....	.....	.....	1	.....	7,483	.....	.....
1,481	98	17,110	14,450	115	.....	12	3	165,920	253,240	14,455	.....

## THIRD DISTRICT.

10	35	.....	.....	.....	.....	.....	1	.....	.....	412	.....
64	35	.....	.....	15	.....	.....	.....	.....	795	855	.....
1,683	111	16,536	84,581	1,869	41,723	31	9	401,715	195,358	1,572,766	58
31	147	145	.....	.....	.....	.....	.....	.....	4,379	900	.....
545	106	3,621	46,625	.....	.....	14	5	353,017	30,923	329	35
100	90	14	.....	100	.....	.....	.....	.....	7,439	623	.....
290	117	4,088	.....	.....	.....	1	.....	16,283	52,893	3,338	.....
42	91	660	.....	.....	.....	.....	1	.....	7,483	.....	.....
2,765	102	25,086	131,206	1,984	41,723	46	16	771,014	299,271	1,579,223	93

## FOURTH DISTRICT.

*Hon. James McSherry, Director,  
Department of Mines and Minerals,  
Springfield, Illinois.*

SIR: I have the honor of submitting to you the report of this the Fourth Inspection District, comprising the coal producing counties of Cass, Christian, Menard, Morgan, Sangamon and Scott, for the year ended December 31, 1935.

The items shown are summarized in the following general statement which likewise shows the comparative figures for the four previous years:

Respectfully submitted,  
**HARRY ROBERTS, Inspector.**

	1935	1934	1933	1932	1931
Number of counties producing coal.....	6	6	6	8	7
Number of shipping mines.....	16	16	17	18	19
Number of local mines.....	41	39	31	33	30
Number of employees underground.....	5,588	5,308	5,360	6,560	7,219
Number of employees on surface.....	987	995	1,046	851	899
Total number employed.....	6,575	6,303	6,406	7,411	8,118
Tons of coal produced in shipping mines.....	6,245,745	6,056,629	5,806,662	3,597,269	6,313,977
Tons of coal produced in local mines.....	332,113	266,815	227,121	269,948	233,151
Tons of coal produced, total.....	6,577,858	6,323,444	6,033,783	3,867,217	6,547,128
Days operated, shipping mines, average.....	151	160	157	91	138
Days operated, local mines, average.....	155	153	135	161	163
Number of undercutting machines.....	62	80	69	122	121
Tons undercut.....	4,838,589	4,671,424	4,527,140	2,337,375	4,123,866
Tons mined by hand.....	1,739,269	1,652,020	1,506,643	1,527,682	2,423,262
Tons mined in strip mines.....				2,160	
Number of loading machines used.....	224	255	219	209	212
Tons loaded mechanically.....	4,536,678	4,349,790	4,305,099	1,930,215	3,191,268
Number of fatal accidents.....	7	12	12	9	8
Number of non-fatal accidents.....	466	505	505	358	664
Number of employees to each fatality.....	939	525	534	823	1,015
Number employed to each non-fatal accident.....	14.1	12.5	12.7	20.7	12.2
Tons of coal mined to each fatality.....	939,694	526,954	502,815	429,666	818,391
Tons mined to each non-fatal accident.....	14,116	12,522	11,948	10,802	9,860
Number of fatalities per 1,000 employed.....	1.1	1.9	1.9	12.1	1.0
Number injured per 1,000 employed.....	70.9	80.1	78.8	48.3	81.8

### IDLE SHIPPING MINES.

Pana Coal Co. No. 2, Pana, Christian County.

Panther Creek Mines, Inc. No. 1, Auburn, Sangamon County.

Panther Creek Mines, Inc. No. 3, Springfield, Sangamon County.

Peabody Coal Co. No. 6, Sherman, Sangamon County.

Peabody Coal Co. No. 21, Stonington, Christian County.

Peabody Coal Co. No. 52, Riverton, Sangamon County.

Peabody Coal Co. No. 54, Auburn, Sangamon County.

Peabody Coal Co. No. 55, Springfield, Sangamon County.

#### FATAL ACCIDENTS.

May 18, Fred Steinhemier, loading machine operator, aged 41 years, married, killed by fall of cap rock in mine No. 7 of the Peabody Coal Co., leaving wife and two children.

May 18, Hardy Walker, loading machine helper, aged 43 years, married, killed by fall of cap rock in mine No. 7 of the Peabody Coal Co., leaving wife and one child.

October 8, Eugene W. Percival, timberman, aged 39 years, married, died from aortitis in mine No. 8 of the Peabody Coal Co., leaving wife and one child.

October 26, John F. Courtiaux, driver, aged 46 years, married, killed by striking head on roof in mine No. 59 of the Peabody Coal Co. Wife and one child.

November 9, Tony Kail, driver, aged 48 years, married, killed by kick of mule in mine A of the Central Illinois Coal Mining Co., leaving wife and three children.

November 23, Ike Yaris, miner, aged 51 years, married, causes unknown, leaves wife. Sangamon Coal Co. No. 2.

November 29, Martin Harrison, face boss, aged 50 years, married, killed by fall of rock in mine No. 9 of the Peabody Coal Co., leaving wife and three children.

## FATAL ACCIDENTS, FOURTH DISTRICT, 1935.

Date of injury.	Date of death.	Name.	Age.	Occupation.	Residence.	Name of operator of mine.	Number or letter of mine.	Married.	Single.	Widow.	Children.	Dependents.	Cause of death.
May 18	May 18	Fred Steinheimer.....	41	Loading machine operator.....	Stonington.....	Peabody Coal Co. ....	7	1	1	1	2	3	Fall of cap rock.
May 18	May 18	Hardy Walker.....	43	Loading machine helper.....	Taylorville.....	Peabody Coal Co. ....	7	1	1	1	1	2	Fall of cap rock.
Oct. 8	Oct. 8	Eugene W. Percival.....	39	Timberman.....	Taylorville.....	Peabody Coal Co. ....	8	1	1	1	1	2	Aortitis.
Oct. 26	Oct. 26	John F. Courtaux.....	46	Driver.....	Springfield.....	Peabody Coal Co. ....	59	1	1	1	1	2	Struck head on roof.
Nov. 9	Nov. 9	Tommy Kail.....	48	Driver.....	Springfield.....	Central Illinois Coal Mining Co. ....	A	1	1	1	3	4	Kicked by mule.
Nov. 23	Nov. 23	Ito Yaris.....	51	Miner.....	Springfield.....	Sanzamon Coal Co. ....	2	1	1	1	1	1	Causes unknown..
Nov. 29	Nov. 30	Martin Harrison.....	50	Face boss.....	Taylorville.....	Peabody Coal Co. ....	9	1	1	1	3	4	Fall of rock.

## NON-FATAL ACCIDENTS, FOURTH DISTRICT.

Name of operator.	Number injured.	Number not re-turned.	Days lost by men returned.		Loss of 7 but less than 30 days.		Loss of 30 or more days.		Month in which accident occurred.	
			Total.	Average.	Number injured.	Days lost.		Number injured.	Month	Number injured.
						Total.	Average.			
Central Illinois Mining Co., "A".....	33	.....	796	24	24	340	14	9	51 January.....	52
Jefferson Coal Mining Co., No. 81.....	2	.....	26	13	2	26	13	2	February.....	48
Mid State Coal Co., No. 81.....	5	.....	166	33	3	53	18	7	37 March.....	50
Mine B Coal Co., No. 81.....	18	1	446	26	10	184	18	7	37 April.....	16
Pana Coal Co., No. 81.....	19	2	382	22	13	188	14	4	49 May.....	33
Panther Creek Mines, No. 4.....	22	3	383	20	16	213	13	3	57 June.....	37
Panther Creek Mines, No. 5.....	30	2	701	25	18	291	16	10	41 July.....	20
Peabody Coal Co., No. 7.....	59	13	1,949	42	23	323	14	23	71 August.....	31
Peabody Coal Co., No. 8.....	55	9	1,940	41	25	367	15	21	75 September.....	46
Peabody Coal Co., No. 9.....	43	.....	1,876	44	19	308	16	24	65 October.....	44
Peabody Coal Co., No. 53.....	45	2	1,096	25	29	348	12	14	748 November.....	42
Peabody Coal Co., No. 57.....	13	1	471	39	8	130	16	4	341 December.....	47
Peabody Coal Co., No. 58.....	39	3	1,771	49	19	293	15	17	1,478.....	87
Peabody Coal Co., No. 59.....	37	7	840	28	21	337	16	9	503.....	56
Penwell Coal Mining Co., No. 2.....	13	3	253	25	7	126	18	3	127.....	42
Sangamon Coal Co., No. 2.....	21	1	387	19	17	227	13	3	160.....	53
Shipping mines.....	454	47	13,483	33	254	3,754	15	153	9,729.....	64
Local mines.....	12	.....	363	30	9	166	18	3	197.....	68
Total.....	466	47	13,846	33	263	3,920	15	156	9,926.....	466

## CASS COUNTY

Number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
LOCAL MINES.							
1	L. C. Smith . . . . .	Newmansville . . . . .	1,400				1,400
2	J. H. Miller . . . . .	Chandlerville . . . . .	619				619
3	Santo Cardoni . . . . .	Beardstown . . . . .	190				158
4	Crosby Coal Co. . . . .	Beardstown . . . . .	50				26
4 local mines total . . . . .			2,259				2,203

## CHRISTIAN COUNTY

SHIPPING MINES.							
1	Pana Coal Co.	Pana.	107,075	37,558	2,956	15,788	40,966
2	Peabody Coal Co., No. 7.	Kineaid.	1,040,435	975,131	57,565		5,198
3	Peabody Coal Co., No. 8.	Kineaid.	996,399	886,859	108,802		8
4	Peabody Coal Co., No. 9.	Taylorville.	876,642	765,707	110,079		45
5	Peabody Coal Co., No. 58.	Taylorville.	803,967	571,265	173,478		51,732
6	Penwell Coal Mining Co.	Pana.	85,846	51,295	3,316		24,697
6 shipping mines total.			3,910,364	3,287,815	456,196	15,788	122,646
LOCAL MINES.							
1	Greenwood Mining Co.	Edinburg.	3,092				2,858
2	Edinburg Coal Co.	Edinburg.	1,452				1,225
2 local mines total.			4,544				4,083
8 all mines total.			3,914,908	3,287,815	456,196	15,788	126,729

## MENARD COUNTY

LOCAL MINES.							
1	Greenview Mining Co.	Greenview.	57,017				51,017
2	Johnson Bros.	Middletown.	35,000				34,500
3	Old Salem Coal Co.	Petersburg.	9,856				9,040
4	Harry A. Perkins.	Athens.	9,050				9,050
5	Indian Creek Coal Co.	Petersburg.	9,009				8,509
6	Charles Whitehurst.	Petersburg.	6,003				5,706
7	Klingbeil Coal Co.	Petersburg.	4,506				4,496
8	Lincoln Coal Co.	Petersburg.	3,796				3,596
9	Tebugge Bros.	Petersburg.	1,189				1,025
10	Fred W. Otken.	Tallula.	770				770
10 local mines total.			136,184				127,694

## MORGAN COUNTY

LOCAL MINES.							
1	Wagstaff & Smith.	Murrayville.	477				477
2	Robert Dunn.	Murrayville.	40				40
2 local mines total.			517				517

## FOURTH DISTRICT.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Number
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
.....	.....	7	201	120	.....	.....	.....	.....	.....	.....	1,400	.....	.....	1
.....	.....	2	156	86	.....	.....	.....	.....	.....	.....	619	.....	.....	2
32	.....	1	100	32	.....	.....	.....	.....	.....	.....	190	.....	.....	3
10	14	2	20	8	.....	.....	.....	.....	.....	.....	50	.....	.....	4
42	14	12	99	246	.....	.....	.....	.....	.....	.....	2,259	.....	.....	.....

## FOURTH DISTRICT.

9,140	667	184	160	781	.....	11,200	.....	2	.....	107,075	.....	8	1
904	1,637	507	201	.....	449,000	.....	.....	5	28	1,040,435	.....	1	2
730	.....	582	199	2,678	370,200	.....	.....	12	26	996,399	.....	.....	3
811	.....	491	171	.....	319,300	5,850	.....	8	28	876,642	.....	1	4
7,492	.....	370	238	.....	216,350	.....	.....	4	23	803,967	.....	.....	5
5,200	1,338	286	58	.....	13,750	5,700	.....	1	2	5,093	80,753	15	6
24,277	3,642	2,420	171	3,459	1,368,600	.....	.....	30	109	3,722,536	187,828	.....	25
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
234	.....	14	78	225	.....	.....	.....	1	.....	3,092	.....	.....	1
227	.....	23	91	80	.....	.....	.....	.....	.....	350	.....	.....	2
461	.....	37	85	305	.....	.....	.....	1	.....	1,102	3,442	.....	.....
24,738	3,642	2,457	150	3,764	1,368,600	.....	.....	31	109	3,723,638	191,270	.....	25

## FOURTH DISTRICT.

600	5,400	50	180	.....	2,760	.....	.....	1	.....	57,017	.....	.....	1
500	.....	28	250	.....	.....	.....	.....	2	.....	35,000	.....	.....	2
816	.....	25	238	.....	.....	.....	.....	.....	.....	.....	9,856	.....	3
.....	.....	12	205	492	.....	.....	.....	.....	.....	.....	9,050	.....	4
500	.....	12	185	400	.....	.....	.....	.....	.....	.....	9,000	.....	5
300	.....	12	280	400	.....	.....	.....	.....	.....	.....	6,000	.....	6
10	.....	11	157	262	.....	.....	.....	.....	.....	.....	4,506	.....	7
200	.....	11	185	350	.....	.....	.....	.....	.....	.....	3,796	.....	8
164	.....	4	215	.....	1,625	.....	.....	.....	.....	.....	1,189	.....	9
.....	.....	5	280	60	.....	.....	.....	.....	.....	.....	770	.....	10
3,090	5,400	170	221	1,964	4,385	.....	.....	3	.....	92,017	44,167	.....	.....

## FOURTH DISTRICT.

.....	.....	5	120	.....	.....	.....	.....	.....	.....	.....	477	.....	1
.....	.....	2	50	.....	.....	.....	.....	.....	.....	.....	40	.....	2
.....	.....	7	85	.....	.....	.....	.....	.....	.....	.....	517	.....	.....

## SANGAMON COUNTY

Number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
SHIPPING MINES.							
1	Central Illinois Coal Mining Co. "A".....	Springfield.....	322,974	127,237	170,640		24,174
2	Jefferson Coal Mining Co., No. 81.....	Springfield.....	33,356	30,269			2,917
3	Mid State Coal Co., No. 81.....	Springfield.....	34,604	21,028	4,692		8,486
4	Mine B Coal Co.....	Springfield.....	249,495	107,659	106,436		33,410
5	Panther Creek Mines, No. 4.....	Springfield.....	273,316	183,713	59,887		25,862
6	Panther Creek Mines, No. 5.....	Springfield.....	267,335	135,376	82,145		46,579
7	Peabody Coal Co., No. 53.....	Springfield.....	334,866	217,692	58,001		53,391
8	Peabody Coal Co., No. 57.....	Springfield.....	294,339	219,130	17,718		49,866
9	Peabody Coal Co., No. 59.....	Springfield.....	363,037	303,166	30,555	707	16,977
10	Sangamon Coal Co., No. 2.....	Springfield.....	162,059	65,822	50,877		42,656
10 shipping mines total.....			2,335,381	1,411,092	580,951	707	304,318
LOCAL MINES.							
1	Panther Creek Mines, No. 2.....	Springfield.....	82,102				81,722
2	Number Twelve Coal Co.....	Springfield.....	30,862				28,291
3	Barr Coal Co.....	Athens.....	11,876				11,876
4	Happy Hollow Coal Co.....	Pleasant Plains.....	11,146				11,146
5	Howard Coal Co.....	Athens.....	7,746				7,571
6	Pleasant Plains Coal Co.....	Pleasant Plains.....	6,400				6,350
7	Eddy Coal Co.....	Cantrall.....	6,000				5,000
8	Tony Enders.....	Salisbury.....	5,500				4,000
9	Wenneborg Coal Co.....	New Berlin.....	5,400				5,200
10	Cantrall Coal Co.....	Petersburg.....	5,335				5,065
11	Bethel Coal Co.....	Pleasant Plains.....	5,249				4,899
12	Springfield Salisbury Coal Co.....	Salisbury.....	3,000				2,550
13	Cosmo Coal Corp.....	Loami.....	2,611				2,611
13 local mines total.....			183,227				176,281
23 all mines total.....			2,518,608	1,411,092	580,951	707	480,599

## SCOTT COUNTY

LOCAL MINES.							
1	Hosking Bros., No. 1.....	Winchester.....	1,931				1,931
2	McGuire Coal Co.....	Winchester.....	1,200				1,200
3	George E. Berry.....	Exeter.....	757				757
4	James A. Jones.....	Winchester.....	409				409
5	Farrel Clark.....	Exeter.....	300				300
6	Josh Hepworth.....	Alsey.....	288				288
7	J. I. Morris.....	Exeter.....	168				168
8	J. E. Beckman.....	Exeter.....	150				150
9	Korty & Collison.....	Exeter.....	142				142
10	Wm. Hausenkamp.....	Bluffs.....	37				37
10 local mines total.....			5,382				5,382



## FOURTH DISTRICT, SHIPPING MINES

County.	Number of mines.	Total tons mined.	Disposition of output in tons.					
			Loaded on cars for shipment.	Sold to railroad companies.	Supplied to locomotives.	Sold to local trade.	Used at the mine.	All coal not sold including waste.
Christian.....	6	3,910,364	3,287,815	456,196	15,788	122,646	24,277	3,642
Sangamon.....	10	2,335,381	1,411,092	580,951	707	304,318	20,651	17,662
Total.....	16	6,245,745	4,698,907	1,037,147	16,495	426,964	44,928	21,304

## LOCAL MINES

Cass.....	4	2,259	.....	.....	.....	2,203	42	14
Christian.....	2	4,544	.....	.....	.....	4,083	461	.....
Menard.....	10	136,184	.....	.....	.....	127,694	3,090	5,400
Morgan.....	2	517	.....	.....	.....	517	.....	.....
Sangamon.....	13	183,227	.....	.....	.....	176,281	6,706	240
Scott.....	10	5,382	.....	.....	.....	5,382	.....	.....
Total.....	41	332,113	.....	.....	.....	316,160	10,299	5,654

## ALL MINES

Cass.....	4	2,259	.....	.....	.....	2,203	42	14
Christian.....	8	3,914,908	3,287,815	456,196	15,788	126,729	24,738	3,642
Menard.....	10	136,184	.....	.....	.....	127,694	3,090	5,400
Morgan.....	2	517	.....	.....	.....	517	.....	.....
Sangamon.....	23	2,518,608	1,411,092	580,951	707	480,599	27,357	17,902
Scott.....	10	5,382	.....	.....	.....	5,382	.....	.....
Total.....	57	6,577,858	4,698,907	1,037,147	16,495	743,124	55,227	26,958

## RECAPITULATION BY COUNTIES.

Total em- ployees.	Days oper- ated.	Explosives used for blasting coal.				Number of mining ma- chines used.	Number of motors in use.	Tons mined by—			Number of animals underground.
		Pow- der— kegs.	Pellet powder— pounds.	Dyna- mite— pounds.	Permis- sibles— pounds.			Machine.	Hand.	Stripping.	
2,420	171	3,459	1,368,600	.....	22,750	30	109	3,722,536	187,828	.....	25
3,523	139	50,897	1,723,875	100	.....	22	37	992,242	1,343,139	.....	234
5,943	151	54,356	3,092,475	100	22,750	52	146	4,714,778	1,530,967	.....	259

## FOURTH DISTRICT.

12	99	246	.....	.....	.....	.....	.....	.....	2,259	.....	.....
37	85	305	.....	.....	.....	1	.....	1,102	3,442	.....	.....
170	221	1,964	4,385	.....	.....	3	.....	92,017	44,167	.....	.....
7	85	.....	.....	.....	.....	.....	.....	.....	517	.....	.....
373	184	10,092	.....	.....	.....	6	.....	30,692	152,535	.....	.....
33	102	235	.....	.....	.....	.....	.....	.....	5,382	.....	.....
632	155	12,842	4,385	.....	.....	10	.....	123,811	208,302	.....	.....

## FOURTH DISTRICT.

12	99	246	.....	.....	.....	.....	.....	.....	2,259	.....	.....
2,457	150	3,764	1,368,600	.....	22,750	31	109	3,723,638	191,270	.....	25
170	221	1,964	4,385	.....	.....	3	.....	92,017	44,167	.....	.....
7	85	.....	.....	.....	.....	.....	.....	.....	517	.....	.....
3,896	164	60,989	1,723,875	100	.....	28	37	1,022,934	1,495,674	.....	234
33	102	235	.....	.....	.....	.....	.....	.....	5,382	.....	.....
6,575	154	67,198	3,096,860	100	22,750	62	146	4,838,589	1,739,269	.....	259

## FIFTH DISTRICT.

*Hon. James McSherry, Director,  
Department of Mines and Minerals,  
Springfield, Illinois.*

SIR: I have the honor of submitting to you the report of this the Fifth Inspection District, comprising the coal producing counties of Edgar, Macon and Vermilion, for the year ended December 31, 1935.

The items shown are summarized in the following general statement which likewise shows the comparative figures for the four previous years:

Respectfully submitted,  
THOMAS MCKENNA, *Inspector.*

	1935	1934	1933	1932	1931
Number of counties producing coal.....	3	3	3	3	3
Number of shipping mines.....	8	7	6	6	7
Number of local mines.....	147	131	130	120	103
Number of employees underground.....	3,109	3,042	2,970	4,094	2,981
Number of employees on surface.....	448	448	564	441	434
Total number employed.....	3,557	3,490	3,534	4,535	3,415
Tons of coal produced in shipping mines.....	1,850,109	1,840,005	1,932,038	1,674,828	2,399,121
Tons of coal produced in local mines.....	362,528	294,111	298,112	349,753	232,604
Tons of coal produced, total.....	2,212,637	2,134,116	2,230,150	2,024,581	2,631,725
Days operated, shipping mines, average.....	148	151	151	135	135
Days operated, local mines, average.....	104	125	118	137	122
Number of undercutting machines.....	80	77	71	100	105
Tons undercut.....	1,886,197	1,889,462	1,816,819	1,483,472	2,146,185
Tons mined by hand.....	225,673	202,195	185,611	172,326	153,939
Tons mined in strip mines.....	100,767	42,459	227,720	368,783	331,601
Number of loading machines used.....	54	45	53	42	43
Tons loaded mechanically.....	514,328	568,249	733,732	577,357	679,987
Number of fatal accidents.....	7	8	9	6	9
Number of non-fatal accidents.....	225	247	244	192	267
Number of employees to each fatality.....	508	436	393	756	379
Number employed to each non-fatal accident.....	15.8	14.1	14.5	23.6	12.8
Tons of coal mined to each fatality.....	316,091	266,765	247,794	337,430	292,414
Tons mined to each non-fatal accident.....	9,834	8,640	9,140	10,545	9,857
Number of fatalities per 1,000 employed.....	2.0	2.3	2.5	1.3	2.6
Number injured per 1,000 employed.....	63.2	70.8	69	42.3	78.5

### NEW SHIPPING MINES.

F. C. Morgan Coal Co., Danville, Vermilion County.  
J. G. Skelton Coal Co., Danville, Vermilion County.

### IDLE SHIPPING MINES.

Lovington Coal Mining Co., Lovington, Moultrie County.  
United States Fuel Co., Vermilion, Georgetown, Vermilion County.

## CHANGE OF NAME.

Coal Stripping Coal Co. No. 2 to Pyramid Coal Corp. No. 2.

## ABANDONED.

United Electric Coal Co., No. 12, Danville, Vermilion County.

## FATAL ACCIDENTS.

January 21, Omer Bryant, miner, aged 38 years, married, killed by fall of rock in mine of P. J. Dowiatt & Son Coal Co., leaving wife and two children.

March 13, Allen J. Hurley, miner, aged 61 years, single, killed by fall of rock in mine of Rippon Coal Co. No dependents.

March 27, William J. Hagerman, driver, aged 49 years, married, crushed between mule and car in mine No. 24 of the Peabody Coal Co. Leaves wife and two children.

October 1, Oral Kinney, miner, aged 44 years, married, killed by fall of face coal in mine of Crawford Coal Co. He leaves a wife and six children.

October 9, Russell George Craigmyle, driller and shooter, aged 38 years, married, killed by premature explosion in mine of F. C. Morgan Coal Co. Shot fired checking coal and exploding shot being prepared. Leaves wife and two children.

November 4, James Smith, mine examiner, aged 67 years, married, killed by fall of rock in mine of Tilton Mining Co. He leaves a widow.

December 18, Joe Bartelli, timberman, aged 52 years, married, killed by fall of rock in the Bunsenville mine of the United States Fuel Company. He is survived by wife and two children.

## FATAL ACCIDENTS, FIFTH DISTRICT, 1935.

Date of injury.	Date of death.	Name.	Age.	Occupation.	Residence.	Name of operator of mine.	Number or letter of mine.	Married.	Single.	Widow.	Children.	Dependents.	Cause of death.
Jan. 21 Jan.	26	Omer Bryant.	38	Miner.	Danville.	P. J. Dowdatt & Son Coal Co.	...	1	1	1	2	3	Fall of rock.
Mar. 13 Mar.	13	Allen J. Hurley.	61	Miner.	Catlin.	Rippon Coal Co.	...	1	1	1	2	2	Fall of rock.
Mar. 27 Mar.	28	William G. Hagerman.	49	Driver.	Georgetown.	Peabody Coal Co.	24	1	1	1	2	2	Crushed between car and mule.
Oct. 1 Oct.	28	Oral Kinney.	44	Miner.	Fithian.	Crawford Coal Co.	...	1	1	1	6	7	Fall of face coal.
Oct. 9 Oct.	9	Russell George Craigmyle.	38	Driller and shooter.	Muncie.	F. C. Morgan Coal Co.	...	1	1	1	2	3	Premature explosion—shot fired checking coal and exploding shot being prepared.
Nov. 4 Nov.	5	James Smith.	67	Mine examiner.	Danville.	Tilton Minnr Co.	...	1	1	1	1	1	Fall of rock.
Dec. 18 Dec.	18	Joe Bartelli.	52	Timberman.	Westville.	United States Fuel Co.	Bun	1	1	1	2	3	Fall of rock.

## NON-FATAL ACCIDENTS, FIFTH DISTRICT.

Name of operator.	Number injured.	Days lost by men returned.		Loss of 7 but less than 30 days.		Loss of 30 or more days.		Month in which accident occurred.	
		Total.	Average.	Number injured.	Days lost.	Number injured.	Days lost.	Month.	Number injured.
					Total.	Average.	Total.	Average.	
Macon County Coal Co.	26	673	34	12	248	21	425	53 January	28
Oakwood Coal Co.	14	448	37	10	186	19	262	131 February	26
Peabody Coal Co., No. 24	48	1,539	34	21	269	13	1,270	53 March	31
Pyramid Coal Corp., No. 2	1	24	24	1	24	24		53 April	11
Tilton Mining Co.	9	397	44	2	35	17	364	52 May	17
United States Fuel Co., "Bun"	99	3,399	37	50	761	15	2,638	64 June	8
								July	19
Shipping mines	197	6,480	36	96	1,521	16	4,959	60 August	21
Local mines	28	680	28	14	198	14	482	48 September	17
								October	16
								November	14
								December	17
Total	225	7,160	35	110	1,719	16	5,441	59 Total	225

## EDGAR COUNTY

Number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
LOCAL MINES.							
1	Edgar County Coal Co. ....	Paris .....	22,688				22,406
2	Martin Coal Co. ....	Paris .....	7,547				7,322
3	Greenwalt Coal Co. ....	Paris .....	5,813				5,613
4	J. M. Wagner Coal Co. ....	St. Bernice .....	285				260
5	Pleasant Hill Mine .....	Scotland .....	279				260
6	Pleasant Hill Coal Co. ....	St. Bernice .....	158				150
7	Vestal & Ford .....	Scotland .....	75				70
8	Scotland Mining Co. ....	Scotland .....	60				60
8 local mines total. ....			36,905				36,141

## MACON COUNTY

SHIPPING MINES.							
1	Macon County Coal Co.	Decatur	174,859	50,531			121,088

## VERMILION COUNTY

SHIPPING MINES.							
1	United States Fuel Co., "Bun"	Georgetown	1,044,440	696,898	330,493	2,312	11,402
2	Peabody Coal Co., No. 24	Danville	457,685	227,689	213,244		7,540
3	Pyramid Coal Corp.—Coal Strip No. 2	Danville	74,708	36,026			38,682
4	Tilton Mining Co.	Danville	51,026	17,957	20,863		11,968
5	Oakwood Coal Co.	Oakwood	23,457				23,327
6	F. C. Morgan Coal Co.	Danville	22,771	19,707	3,064		
7	J. G. Skelton Coal Co.	Danville	1,163	496			667
7 shipping mines total			1,675,250	998,773	567,664	2,312	93,586
LOCAL MINES.							
1	Hegeler Zinc Co.	Danville	67,589				
2	Crawford Coal Co.	Oakwood	19,657				19,460
3	W. & W. Coal Co.	Danville	17,244				17,244
4	Lete & Sons Coal Co.	Danville	15,940				15,915
5	Anderson Coal Co.	Catlin	11,000				11,000
6	M. & B. Coal Co.	Danville	9,741				9,414
7	P. J. Dowdatt & Sons	Westville	9,156				9,106
8	Central Coal Co.	Fairmount	8,913				8,713
9	Blackburn Coal Co.	Tilton	8,671				8,671
10	Red Dragon Coal Co.	Danville	8,408				8,408
11	F. B. & M. Coal Co.	Catlin	7,987				7,487
12	Larson Coal Co.	Oakwood	7,000				7,000
13	Cassel Branch Coal Co., No. 2	Danville	6,552				6,552
14	Swan Coal Co.	Danville	5,940				5,740
15	L. & S. Coal Co.	Danville	5,230				5,230
16	M. & M. Coal Co.	Danville	5,200				5,180
17	Balduchi Coal Co.	Fairmount	5,041				4,003
18	Middle Fork Coal Co.	Armstrong	4,300				4,106
19	Pichon Coal Co.	Catlin	3,792				3,541
20	Lee Isenburg	Tilton	3,500				3,500

## FIFTH DISTRICT.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
282		32	194	1,325							22,688			1
225		10	195		1,600			1		7,547				2
200		12	180	400							5,813			3
25		4	60					475			285			4
19		3	150	30							279			5
8		3	45	10							158			6
5		3	45	4							75			7
		3	15		50						60			8
764		69	111	1,769	1,650			475	1	7,547	29,358			

## FIFTH DISTRICT.

3,240		347	207	2,500				12	3	174,859			25	1
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## FIFTH DISTRICT.

3,335		1,510	191		31,975		135,775	33	18	1,044,440			20	1
5,674	3,538	470	159		225,850	15,050		18	29	457,685			9	2
		52	183			54,900						74,708		3
238		77	143	301				3		46,307	4,719		6	4
	130	63	148	480				2		23,457			3	5
		22	107		3,725							22,771		6
		15	48	95						1,163			1	7
9,247	3,668	2,209	140	876	261,550	69,950	135,775	56	47	1,571,889	5,882	97,479	39	
67,589		112	203				17,875	3		55,396	12,193			1
197		27	243	792				1		6,673	12,984			2
		25	240	575				1		15,000	2,244			3
25		23	287	235				1		14,057	1,883			4
		14	200	289				1		11,000				5
327		16	189		8,125			1		9,741				6
50		30	200	426							9,156			7
200		22	188	271				1		8,913				8
		60	170	289							8,671			9
		16	241	454							8,408			10
500		10	264	125				1		6,922	1,065			11
		11	160	450							7,000			12
		14	160	468							6,552			13
200		17	240	284							5,940			14
		7	145	287							5,230			15
20		10	204	150				1		4,200	1,000			16
1,038		7	115	356							5,041			17
194		9	130	160							4,300			18
251		9	203	235							3,792			19
		8	200	115							3,500			20

## VERMILION COUNTY

Number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
21	Diamond Coal Co.	Danville.	3,463				3,463
22	Black Hawk Coal Co.	Danville.	3,400				3,400
23	Rippon Coal Co.	Catlin.	3,300				3,300
24	Miller & Rohrer.	Danville.	3,148				3,143
25	Deep Valley Coal Co.	Danville.	2,964				2,964
26	Taylor Coal Co.	Catlin.	2,800				2,795
27	Wilson Coal Co.	Tilton.	2,785				2,785
28	Pearsons Coal Co., No. 1.	Catlin.	2,600				2,400
29	Ray Coal Co., No. 1.	Fairmount.	2,496				2,496
30	Cassel Branch Coal Co.	Danville.	2,478				2,478
31	Mauck & Son Coal Co.	Catlin.	2,408				2,343
32	Shady Valley Coal Co., No. 3.	Catlin.	2,124				2,124
33	Shady Valley Coal Co., No. 1.	Danville.	2,100				2,100
34	Kelly Branch Coal Co.	Danville.	2,066				1,936
35	Stine Coal Co.	Catlin.	1,986				1,986
36	Quality Coal Co.	Grape Creek.	1,905				1,905
37	Cessna Coal Co.	Danville.	1,800				1,800
38	Larson & Sons Coal Co.	Grape Creek.	1,753				1,753
39	Schafer Bros. Coal Co.	Danville.	1,728				1,703
40	Blue Bird Coal Co.	Danville.	1,716				1,716
41	Miller Coal Co.	Danville.	1,623				1,623
42	Big Diamond Coal Co.	Danville.	1,560				1,560
43	George Bros. Coal Co.	Fairmount.	1,547				1,447
44	Pilkington Coal Co.	Danville.	1,416				1,416
45	O. E. Searce Coal Co.	Grape Creek.	1,331				1,303
46	Talbert & Searce Coal Co.	Grape Creek.	1,302				1,302
47	Murphy & Addams.	Danville.	1,194				1,194
48	Sunshine Coal Co., No. 1.	Danville.	1,180				1,180
49	Riverside Coal Co.	Danville.	1,153				1,153
50	Bert Thatcher Coal Co.	Catlin.	1,080				1,080
51	Fredrickson Coal Co., No. 1.	Danville.	1,000				1,000
52	Pearsons Coal Co., No. 2.	Catlin.	1,000				1,000
53	Martin & Bowen Coal Co.	Danville.	1,000				1,000
54	Patton Coal Co.	Fairmount.	970				955
55	Johnson Coal Co.	Catlin.	965				965
56	Sheward & Neek Coal Co.	Danville.	960				910
57	Lovett Sons Coal Co.	Catlin.	950				950
58	Burgoyne Coal Co.	Catlin.	927				910
59	Yankee Branch Coal Co.	Georgetown.	894				894
60	Carbon Coal Co.	Danville.	856				851
61	Pearsons Coal Co., No. 2.	Catlin.	850				835
62	Thompson Hollow Coal Co.	Catlin.	800				800
63	Rohr & Jenkins Coal Co.	Catlin.	800				800
64	Shady Valley Coal Co., No. 2.	Catlin.	720				720
65	Burgoyne-Holycross Coal Co.	Catlin.	580				580
66	Alfred Nelson Coal Co.	Grape Creek.	560				560
67	Henry Stame & Son Coal Co.	Danville.	527				527
68	Grape Creek Community Mine.	Westville.	500				500
69	Jenkins Coal Co.	Oakwood.	500				509
70	Skelton Coal Co., No. 2.	Tilton.	484				484
71	L. and C. Coal Co.	Catlin.	480				480
72	Elliot Bros.	Danville.	469				469
73	P. J. Dowiat Coal Co., No. 2.	Westville.	465				455
74	Mt. Pleasant Coal Co.	Danville.	464				464
75	Black Diamond Coal Co.	Muncie.	450				450
76	Martin Coal Co.	Danville.	440				440
77	Harris Coal Co.	Muncie.	414				414
78	Highland Park Coal Co.	Danville.	400				386
79	Lind Coal Co.	Danville.	400				400
80	Georgetown Community Mine.	Georgetown.	400				400
81	Salt Fork Coal Co.	Oakwood.	400				400
82	Lind Bros. Coal Co.	Danville.	360				340
83	A. L. Bales Coal Co.	Westville.	355				355
84	White Coal Co.	Danville.	350				350
85	Big Diamond Coal Co.	Muncie.	350				350
86	Possum Trot Coal Co.	Muncie.	300				300

## FIFTH DISTRICT—Continued.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machines.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
		4	304	161							3,463			21
		6	250	145			300				3,400			22
		8	141	165							3,300			23
5		8	165	136							3,145			24
		7	150	119							2,964			25
5		8	145	140							2,800			26
		8	140	125							2,785			27
200		5	128	144							2,600			28
		6	156	125							2,496			29
		7	84	114							2,478			30
65		9	184	81							2,408			31
		5	150	106							2,124			32
		10	127	150							2,100			33
130		5	150	103							2,066			34
		6	251	116							1,986			35
		7	127	210							1,905			36
		4	200	190							1,800			37
25		5	210	8							1,753			38
		5	160	125							1,728			39
		11	106	86							1,716			40
		5	163	108							1,623			41
		8	115	84							1,560			42
100		4	280	193							1,547			43
		4	149	90							1,416			44
28		3	264	38							1,331			45
		4	179	55							1,302			46
		11	33	64							1,194			47
		3	150	55							1,180			48
		3	192	60							1,153			49
		4	108	120							1,080			50
		2	90	50							1,000			51
		6	90	50							1,000			52
		4	182	40							1,000			53
15		6	132	50							970			54
		5	65	90							965			55
50		3	120	60							960			56
		5	90	63							950			57
17		2	141	46							927			58
		4	60									894		59
5		4	58	37							858			60
15		6	45	65							850			61
		5	60	45							800			62
		5	75	40							800			63
		6	45	40							720			64
		4	66	42							580			65
		2	200	14							560			66
		2	160	18							527			67
		2	100									500		68
		8	27	30							500			69
		4	49	15							484			70
		4	102	25							480			71
		4	120	29							469			72
10		6	80	20							465			73
		3	50	15							464			74
		5	40	15							450			75
		5	90	36							440			76
		4	100	21							414			77
14		5	90	22							400			78
		4	104	18							400			79
		8	60									400		80
		4	50	25							400	400		81
20		3	60	40							360			82
		3	90	17							355			83
		3	90	17							350			84
		6	45	20							350			85
		5	60	30							300			86

## VERMILION COUNTY

Number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
87	Lind Bros Coal Co.	Danville.	300				300
88	Kedas Stripping Co.	Westville.	300				250
89	Collins Coal Co.	Danville.	300				250
90	Kemper Coal Co.	Danville.	280				280
91	Haun & Sons Coal Co.	Danville.	260				260
92	Woodard Coal Co.	Oakwood.	3,050				3,050
93	Artic Coal Co.	Danville.	250				250
94	Glaspey Coal Co.	Danville.	250				236
95	Lime Springs Coal Co.	Danville.	210				210
96	Shuman & Son Coal Co.	Danville.	210				210
97	Bertan & Hall.	Danville.	200				200
98	Brewer Coal Co.	Danville.	200				200
99	Campbell Bros. Coal Co.	Danville.	200				200
100	Brown Stripping Co.	Danville.	194				194
101	Rohrer-Jenkins Coal Co.	Catlin.	175				175
102	Fredrickson Coal Co., No. 2.	Danville.	167				167
103	W. E. Williams Coal Co.	Westville.	166				166
104	Dell Valley Coal Co.	Danville.	160				160
105	Johnson Stripping Co.	Westville.	160				130
106	Cassel Branch Coal Co., No. 2.	Danville.	160				160
107	Reed Stripping Co.	Muncie.	158				158
108	Howard Coal Co.	Grape Creek.	157				157
109	Wm. Winehouse.	Richland.	156				156
110	Donaldson-Fairhill Coal Co.	Tilton.	155				130
111	Ellis Coal Co.	Danville.	150				150
112	Sunshine Coal Co., No. 2.	Danville.	150				150
113	Poland Coal Co.	Danville.	150				140
114	Stewart Coal Co.	Danville.	131				121
115	Goundry Bros. Coal Co.	Westville.	111				111
116	Skelton Stripping Co.	Grape Creek.	105				105
117	Brady Branch Coal Co.	Georgetown.	100				70
118	Jenkins Coal Co.	Catlin.	100				100
119	B. A. Cook & Son Coal Co.	Georgetown.	100				100
120	Crippon Coal Co.	Westville.	100				100
121	Anderson Donovan Coal Co.	Georgetown.	97				87
122	Hawkins & Son Coal Co.	Georgetown.	75				75
123	Niccum Coal Co.	Danville.	73				73
124	Dave Anderson Coal Co.	Danville.	70				70
125	New Grape Creek Coal Co.	Westville.	60				60
126	Short Coal Co.	Georgetown.	54				44
127	Roberts Coal Co.	Danville.	54				54
128	Square Deal Coal Co.	Danville.	127				127
129	Holycross Coal Co.	Danville.	50				50
130	I Wonder Coal Co.	Danville.	50				48
131	B. & M. Coal Co.	Georgetown.	45				45
132	Summer Bates Coal Co.	Danville.	40				20
133	Pashe Coal Co.	Westville.	40				40
134	Smith Stripping Co.	Danville.	40				40
135	B. O. Gibbs.	Danville.	35				35
136	Haun & Son.	Danville.	31				31
137	Haskins Coal Co.	Danville.	20				20
138	Dale Blue Coal Co.	Westville.	20				20
139	Remy Coal Co.	Georgetown.	20				20
139 local mines total			325,623				254,067
146 all mines total			2,000,873	998,773	567,664	2,312	347,653

## FIFTH DISTRICT—Concluded.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
50		4	90	10							300			87
50		2	60		50							300		88
		4	60	60							300			89
		4	130	23							280			90
		3	60	20							260			91
		5	220	155							3,050			92
		4	70	8							250			93
14		3	98	26							250			94
		2	55	12							210			95
		3	41	18							210			96
		3	30	10							200			97
		4	40	10							200			98
		2	100	20							200			99
		3	7	3								194		100
		5	29	8							175			101
		4	27	8							167			102
		2	61	13			16				166			103
		2	30	8							160			104
30		3	75		125							160		105
		4	35	6							160			106
		6	35									158		107
		3	3	1							157			108
		2	78	25							156			109
25		3	20	8							155			110
		3	40	3							150			111
		3	60	8							150			112
10		3	50	6							150			113
10		2	26	5							131			114
		2	32	6							111			115
		1	7									105		116
30		2	40	5							100			117
		3	31	10							100			118
		3	50									100		119
10		2	30									100		120
		2	60									97		121
		2	30									75		122
		3	35	5							73			123
		1	50	6							70			124
		2	36	3							60			125
10		2	30									54		126
		3	16	3							54			127
		3	70	13							127			128
		3	30	2							50			129
2		1	30	2							50			130
		2	20		50						45			131
20		2	40									40		132
		3	20	2							40			133
		2	30									40		134
		2	18	1							35			135
		3	27									31		136
		2	10	1							20			137
		1	20		6							20		138
		3	10									20		139
71,556	.....	932	104	11,055	8,356	.....	18,191	11	....	131,902	190,433	3,288	....	
80,803	3,668	3,141	106	11,931	269,906	69,950	153,966	67	47	1,703,791	196,315	100,767	39	

## FIFTH DISTRICT, SHIPPING MINES

County.	Num-ber of mines.	Total tons mined.	Disposition of output in tons.					
			Loaded on cars for ship-ment.	Sold to railroad com-panies.	Sup-plied to loco-motives.	Sold to local trade.	Used at the mine.	All coal not sold including waste.
Macon.....	1	174,859	50,531			121,088	3,240	
Vermilion.....	7	1,675,250	998,773	567,664	2,312	93,586	9,247	3,668
Total.....	8	1,850,109	1,049,304	567,664	2,312	214,674	12,487	3,668

## LOCAL MINES

Edgar .....	8	36,905				36,141	764	
Vermilion .....	139	325,623				254,067	71,556	
Total .....	147	362,528				290,208	72,320	

## ALL MINES

Edgar .....	8	36,905				36,141	764	
Macon .....	1	174,859	50,531			121,038	3,240	
Vermilion .....	146	2,000,873	998,773	567,664	2,312	347,653	80,803	3,668
Total .....	155	2,212,637	1,049,304	567,664	2,312	504,832	84,807	3,668

## RECAPITULATION BY COUNTIES.

Total employees.	Days operated.	Explosives used for blasting coal.				Number of mining machines used.	Number of motors in use.	Tons mined by—			Number of animals underground.
		Powder—kegs.	Pellet powder—pounds.	Dyna-mite—pounds.	Permissibles—pounds.			Machine.	Hand.	Stripping.	
347	207	.....	2,500	.....	.....	12	3	174,859	.....	.....	25
2,209	140	876	261,550	69,950	135,775	56	47	1,571,889	5,882	97,479	39
2,556	148	876	264,050	69,950	135,775	68	50	1,746,743	5,882	97,479	64

## FIFTH DISTRICT.

69	111	1,769	1,650	.....	475	1	.....	7,547	29,358	.....	.....
932	104	11,055	8,356	.....	18,191	11	.....	131,902	190,433	3,288	.....
1,001	104	12,824	10,006	.....	18,666	12	.....	139,449	219,791	3,288	.....

## FIFTH DISTRICT.

69	111	1,769	1,650	.....	475	1	.....	7,547	29,358	.....	.....
347	207	.....	2,500	.....	.....	12	3	174,859	.....	.....	25
3,141	106	11,931	269,906	69,950	153,966	67	47	1,703,791	196,315	100,767	39
3,557	106	13,700	274,056	69,950	154,441	80	50	1,886,197	225,673	100,767	64

## SIXTH DISTRICT.

*Hon. James McSherry, Director,  
Department of Mines and Minerals,  
Springfield, Illinois.*

SIR: I have the honor of submitting to you the report of this the Sixth Inspection District, comprising the coal producing counties of Greene, Jersey, Macoupin, Montgomery and Shelby, for the year ended December 31, 1935.

The items shown are summarized in the following general statement which likewise shows the comparative figures for the four previous years:

Respectfully submitted,  
JOSEPH FIRTH, JR., *Inspector.*

	1935	1934	1933	1932	1931
Number of counties producing coal.....	5	5	5	5	5
Number of shipping mines.....	13	11	10	12	12
Number of local mines.....	66	60	70	40	36
Number of employees underground.....	4,220	4,021	4,175	4,497	4,515
Number of employees on surface.....	562	551	581	512	552
Total number employed.....	4,782	4,572	4,756	5,009	5,067
Tons of coal produced in shipping mines.....	4,226,037	3,921,804	3,693,374	2,594,413	5,263,371
Tons of coal produced in local mines.....	46,137	48,583	49,847	50,783	41,827
Tons of coal produced, total.....	4,272,174	3,970,387	3,743,221	2,645,196	5,305,198
Days operated, shipping mines, average.....	181	162	155	91	156
Days operated, local mines, average.....	102	123	98	136	145
Number of undercutting machines.....	70	67	57	82	87
Tons undercut.....	4,230,947	3,927,863	3,704,818	2,592,631	5,089,018
Tons mined by hand.....	40,857	41,934	44,278	52,565	216,180
Tons mined in strip mines.....	370	590	.....	.....	.....
Number of loading machines used.....	512	467	477	642	21
Tons loaded mechanically.....	3,992,156	3,653,668	3,421,799	2,475,056	4,876,303
Number of fatal accidents.....	2	5	5	57	9
Number of non-fatal accidents.....	352	326	334	195	433
Number of employees to each fatality.....	2,391	914	951	87.9	563
Number employed to each non-fatal accident.....	13.6	14.0	14	25.7	11.7
Tons of coal mined to each fatality.....	2,136,087	794,077	749,844	46,407	589,465
Tons mined to each non-fatal accident.....	12,137	12,179	11,225	13,565	12,252
Number of fatalities per 1,000 employed.....	.5	1.1	1.0	11.4	1.8
Number injured to each 1,000 employed.....	73.6	71.3	70.2	38.9	85.5

## IDLE SHIPPING MINES.

Cosgrove Meehan Coal Co. No. 5, Panama, Montgomery County.

Indiana & Illinois Coal Corp. No. 12, Witt, Montgomery County.

Indiana & Illinois Coal Corp. No. 14, Witt, Montgomery County.

Standard Oil Co. No. 1, Carlinville, Macoupin County.

Standard Oil Co. No. 2, Carlinville, Macoupin County.

## FATAL ACCIDENTS.

January 30, Joseph Novey, miner, aged 67 years, married, died from causes unknown in Superior Coal Co. mine No. 4. He leaves a widow and three children.

May 13, Gilbert Whitlow, motorman, aged 35 years, single, crushed between motor and prop in Superior Coal Co. mine No. 3. No dependents.

## FATAL ACCIDENTS, SIXTH DISTRICT, 1935.

Date of injury.	Date of death.	Name.	Age.	Occupation.	Residence.	Name of operator of mine.	Number of letter of mine.	Married.	Single.	Widow.	Children.	Dependents.	Cause of death.
Jan. 30	Jan. 30	Joseph Novey	67	Miner	Wilsonville	Superior Coal Co.	4	1	1	3	4	4	Causes unknown.
May 13	May 13	Gilbert Whitlow	35	Motorman	Gillespie	Superior Coal Co.	3	1	1	1	1	1	Caught between motor and prop.

## NON-FATAL ACCIDENTS, SIXTH DISTRICT.

Name of operator.	Number injured.	Number not re-turned.	Days lost by men returned.		Loss of 7 but less than 30 days.		Loss of 30 or more days.			Month in which accident occurred.	
			Total.	Average.	Number injured.	Days lost.	Number injured.	Days lost.	Average.	Month.	Number injured.
Consolidated Coal Co., No. 7.	20	2	589	33	10	187	19	402	50	January	32
Consolidated Coal Co., No. 15.	32	4	1,375	57	9	211	23	1,604	88	February	34
Errie Scottless Coal Co.	2		103	52	1	21	21	82	82	March	45
Gillespie Coal Co.	22	2	644	32	15	206	14	438	88	April	15
Hillsboro Coal Co.	39	3	1,897	53	12	175	15	1,722	72	May	24
Indiana & Illinois Coal Corp., No. 10.	36	9	1,484	55	11	188	17	1,296	81	June	37
Mt. Olive Coal Co.	11		815	24	4	71	18	744	106	July	24
Superior Coal Co., No. 1.	43	4	2,004	51	6	100	17	1,904	58	August	31
Superior Coal Co., No. 2.	49	6	1,843	47	22	332	15	1,511	72	September	31
Superior Coal Co., No. 3.	49	2	2,090	53	20	328	16	1,752	65	October	28
Superior Coal Co., No. 4.	33	2	1,312	42	10	141	14	1,171	56	November	30
Viriden Coal Co.	9	2	137	69	4	43	11	94	31	December	21
Shipping mines.	345	36	14,783	48	124	2,003	16	12,780	69		
Local mines.	7	2	126	25	3	30	10	96	48		
Total	352	38	14,909	47	127	2,033	16	12,876	69	Total	352

## GREENE COUNTY

Number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
LOCAL MINES.							
1	A. N. Poli.	Greenfield	3,275				2,460
2	D. W. Tate.	Roodhouse	1,376				1,360
3	Charles Houck.	Roodhouse	1,200				1,200
4	Rufus Hursman.	Roodhouse	1,000				1,000
5	W. H. Allen.	Roodhouse	944				944
6	O. L. Ferguson.	Roodhouse	800				750
7	Ed A. Elliott.	Roodhouse	763				763
8	Wyatt & Kirchner.	White Hall.	740				740
9	Raymond Cummins.	Roodhouse.	665				665
10	J. H. Little.	Roodhouse.	625				625
11	Burl Wyatt.	White Hall.	565				565
12	James T. Adkins.	Roodhouse.	550				540
13	Truman Wyatt.	White Hall.	540				500
14	Greene County Coal Co.	Greenfield.	435				435
15	Hector Harbaugh.	Roodhouse.	431				419
16	Manley & Carmean.	Roodhouse.	306				304
17	Alfred Benner.	Roodhouse.	304				300
18	Everett Goacher.	Roodhouse.	255				255
19	Smith & Baldes.	Roodhouse.	240				240
20	Theo. Hopper.	Roodhouse.	232				228
21	Thomas H. Conlee.	White Hall.	231				226
22	Cleat Holly.	White Hall.	198				198
23	O. S. Walker.	Roodhouse.	160				160
24	Jesse Hopper.	Roodhouse.	100				100
25	John Whitehead.	Roodhouse.	100				100
26	B. F. Israel.	Roodhouse.	96				96
27	J. W. Stewart.	Roodhouse.	87				87
28	Thos. Griffith & Bros.	Roodhouse.	20				20
28 local mines total.			16,238				15,280

## JERSEY COUNTY

LOCAL MINES.							
1	Yost & Kruse	Brighton	508				500
2	Fred Wagenblast	Jerseyville	162				160
3	H. J. Geisler	Delhi	160				160
4	Otto F. Rothe	Jerseyville	95				95
5	V. F. Huebener, No. 1	Brighton	79				79
6	V. F. Huebener, No. 2	Brighton	70				70
7	Milton Phillips	Delhi	50				40
7 local mines total			1,124				1,104

## MACOUPIN COUNTY

SHIPPING MINES.							
1	Consolidated Coal Co., No. 7	Staunton	106,317	60,692	25,035		182
2	Consolidated Coal Co., No. 15	Mt. Olive	722,832	433,208	224,460		2,666
3	Gillespie Coal Co.	Gillespie	268,349	252,570			15,253
4	Mt. Olive Coal Co.	Mt. Olive	100,009	26,631	23,952	11,714	30,706
5	South Mine Coal Co.	Carlville	9,138	500			8,371
6	Superior Coal Co., No. 1	Gillespie	595,452		578,381		1,883
7	Superior Coal Co., No. 2	Gillespie	682,310		661,452		5,639
8	Superior Coal Co., No. 3	Gillespie	762,528		734,151		12,756
9	Superior Coal Co., No. 4	Gillespie	369,943		353,433		568
10	Virden Coal Co.	Virden	61,051	10,816	16,191		26,561
10 shipping mines total			3,677,929	784,417	2,617,055	11,714	104,585

## SIXTH DISTRICT.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
.....	815	12	140	190							3,275			1
16		4	234	18							1,376			2
.....		8	250	75							1,200			3
.....		6	200	70							1,000			4
.....		7	150	60							944			5
50		6	160	40							806			6
.....		5	140	40							763			7
.....		8	73	68							740			8
.....		4	113	33							665			9
.....		5	80								625			10
.....		4	75								565			11
10		3	95								550			12
4	36	2	50								540			13
.....		5	78	67							435			14
12		3	150	20							431			15
2		7	130	5							306			16
4		4	120	50							304			17
.....		3	140	13							255			18
.....		6	60								240			19
4		2	206	28							232			20
5		4	60								231			21
.....		4	60								198			22
.....		1	115	10							160			23
.....		2	75								100			24
.....		3	40								100			25
.....		3	32								96			26
.....		2	40								87			27
.....		1	5								20			28
107	851	124	110	787							16,238			

## SIXTH DISTRICT.

8		9	104								508			1
2		3	90								162			2
.....		3	160								160			3
.....		3	115								95			4
.....		5	20								79			5
.....		3	24									70		6
10		1	50								50			7
20		27	80								1,054	70		

## SIXTH DISTRICT.

2,625	17,783	275	168			23,050	4	7	106,317					1
40,160	22,338	520	200			104,050	13	24	722,832					5
500	26	222	231		46,430		4	2	268,349					16
6,990	16	165	203	573			3	2	100,009					2
100	167	24	95	74			1		9,138					3
15,185		544	217			80,450	4	16	595,452					2
15,219		618	219			81,650	8	17	682,310					2
15,621		665	231			105,550	6	18	762,528					2
15,942		375	225			50,500	4	10	369,943					9
6,083	1,400	147	144	720			3	2	61,051					5
118,428	41,730	3,555	193	1,367	46,430	445,250	50	98	3,677,929					37

## MACOUPIN COUNTY

Number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
LOCAL MINES.							
1	Bauser Coal Mine.....	Bunker Hill.....	3,956				3,956
2	Orval Greenstreet.....	Chesterfield.....	1,030				1,010
3	Carlson & Co.....	Chesterfield.....	991				991
4	Rosecoe Moore.....	Brighton.....	954				794
5	Truitt & Sons.....	Chesterfield.....	657				657
6	Fred Hausman.....	Brighton.....	577				540
7	Stanley Palulis, No. 1.....	Rock Bridge.....	400				377
8	Challons Coal Co.....	Chesterfield.....	196				136
9	W. H. Walden & Son.....	Chesterfield.....	120				110
9 local mines total.....			8,881				8,571
19 all mines total.....			3,686,810	784,417	2,617,055	11,714	113,156

## MONTGOMERY COUNTY

SHIPPING MINES.						
1	Hillsboro Coal Co.....	Hillsboro .....	170,571	86,808	32,195 .....	37,512
2	Indiana & Illinois Coal Corp., No. 10.....	Nokomis.....	370,358	225,576	142,808 .....	1,479
2 shipping mines total.....			540,929	312,284	175,003 .....	38,991

## SHELBY COUNTY

SHIPPING MINES.					
1	Erie Sootless Coal Co. ....	Moweaqua. ....	7,179	280	5,384
LOCAL MINES.					
1	J. G. Root, No. 1. ....	Shelbyville. ....	4,335		4,295
2	Arch Tallman, No. 2. ....	Shelbyville. ....	3,235		3,160
3	Arch Tallman, No. 1. ....	Shelbyville. ....	2,998		2,923
4	J. G. Root, No. 2. ....	Shelbyville. ....	2,215		2,190
5	Auld & Cruitt, No. 2. ....	Shelbyville. ....	1,486		1,480
6	Ralph Gallagher. ....	Mode. ....	1,306		1,296
7	W. A. Cushman. ....	Mode. ....	1,267		1,260
8	Nees & Groves Coal Co. ....	Shelbyville. ....	466		466
9	Arch Tallman, No. 3. ....	Shelbyville. ....	462		437
10	Auld & Cruitt, No. 1. ....	Shelbyville. ....	410		405
11	Okaw Coal Co., No. 2. ....	Shelbyville. ....	400		390
12	Wm. McManigell. ....	Neoga. ....	300		300
13	Jack Miller. ....	Shelbyville. ....	228		228
14	Levi Mertz. ....	Shelbyville. ....	145		140
15	Amos Tubb, No. 1. ....	Shelbyville. ....	136		126
16	Ed Ruff. ....	Mode. ....	127		125
17	Okaw Coal Co., No. 1. ....	Shelbyville. ....	110		100
18	A. P. Heinz. ....	Shelbyville. ....	60		50
19	N. W. Polley. ....	Mode. ....	55		55
20	E. A. Harlow, No. 1. ....	Shelbyville. ....	53		43
21	B. F. Stretch, No. 1. ....	Shelbyville. ....	50		50
22	B. F. Stretch, No. 2. ....	Shelbyville. ....	50		50
22 local mines total. ....			19,894		19,569
23 all mines total. ....			27,073	280	24,953

## SIXTH DISTRICT.—Concluded.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machines.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
20		12	258	41				1		3,956				1
		4	30	10							1,030			2
		5	120	65							991			3
160		6	112		2,100			1		954				4
		4	75	52							657			5
37		12	90	21							577			6
5	18	7	45	22							400			7
60		3	50	6							196			8
10		4	50	10							120			9
292	18	57	92	227	2,100			2		4,910	3,971			
118,720	41,748	2,723	145	1,594	48,530		445,250	52	98	3,682,839	3,971		37	

## SIXTH DISTRICT.

11,631	2,425	239	227	590			29,750	4	4	170,571			15	1
495		535	137		93,000		8,950	10	20	370,358				2
12,126	2,425	774	182	590	93,000		38,700	14	24	540,929			15	

## SIXTH DISTRICT.

1,400	115	89	59		2,367			4	1	7,179			4	1
40		16	206								4,335			1
75		14	191								3,235			2
75		14	168								2,998			3
25		14	123								2,215			4
6		9	243								1,486			5
10		12	210								1,306			6
7		12	103								1,267			7
		7	92								466			8
25		9	91								462			9
5		8	70								410			10
10		5	125								400			11
		4	20									300		12
		5	152								228			13
5		3	70								145			14
10		5	35								136			15
2		3	90								127			16
10		4	60								110			17
10		3	30								60			18
		3	30								55			19
10		2	90								53			20
		2	30								50			21
		2	20								50			22
325		156	102								19,594	300		
1,725	115	245	100		2,367			4	1	7,179	19,594	300	4	

## SIXTH DISTRICT, SHIPPING MINES

County.	Number of mines.	Total tons mined.	Disposition of output in tons.					
			Loaded on cars for shipment.	Sold to railroad companies.	Supplied to locomotives.	Sold to local trade.	Used at the mine.	All coal not sold including waste.
Macoupin.....	10	3,677,929	784,417	2,617,055	11,714	104,585	118,428	41,730
Montgomery.....	2	540,929	312,384	175,003	.....	38,991	12,126	2,425
Shelby.....	1	7,179	280	.....	.....	5,384	1,400	115
Total.....	13	4,226,037	1,097,081	2,792,058	11,714	148,960	131,954	44,270

## LOCAL MINES

Greene.....	28	16,238	.....	.....	.....	15,280	107	851
Jersey.....	7	1,124	.....	.....	.....	1,104	20	.....
Macoupin.....	9	8,881	.....	.....	.....	8,571	292	18
Shelby.....	22	19,894	.....	.....	.....	19,569	325	.....
Total.....	66	46,137	.....	.....	.....	44,524	744	869

## ALL MINES

Greene.....	28	16,238	.....	.....	.....	15,280	107	851
Jersey.....	7	1,124	.....	.....	.....	1,104	20	.....
Macoupin.....	19	3,686,810	784,417	2,617,055	11,714	113,156	118,730	41,748
Montgomery.....	2	540,929	312,384	175,003	.....	38,991	12,126	2,425
Shelby.....	23	27,073	280	.....	.....	24,953	1,725	115
Total.....	79	4,272,174	1,097,081	2,792,058	11,714	193,484	132,698	45,139

## RECAPITULATION BY COUNTIES.

Total employees.	Days operated.	Explosives used for blasting coal.				Number of mining machines used.	Number of motors in use.	Tons mined by—			Number of animals underground.
		Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissible—pounds.			Machine.	Hand.	Stripping.	
3,555	193	1,367	46,430	.....	445,250	50	98	3,677,929	.....	.....	37
774	182	590	93,000	.....	38,700	14	24	540,929	.....	.....	15
89	59	.....	2,367	.....	.....	4	1	7,179	.....	.....	4
4,418	181	1,957	141,797	.....	483,950	68	123	4,226,037	.....	.....	56

## SIXTH DISTRICT.

124	110	787	.....	.....	.....	.....	.....	.....	16,238	.....	.....
27	80	.....	.....	.....	.....	.....	.....	.....	1,054	70	.....
57	92	227	2,100	.....	.....	2	.....	4,910	3,971	.....	.....
156	102	.....	.....	.....	.....	.....	.....	.....	19,594	300	.....
364	102	1,014	2,100	.....	.....	2	.....	4,910	40,857	370	.....

## SIXTH DISTRICT.

124	110	787	.....	.....	.....	.....	.....	.....	16,238	.....	.....
27	80	.....	.....	.....	.....	.....	.....	.....	1,054	70	.....
2,723	145	1,594	48,530	.....	445,250	52	98	3,682,839	3,971	.....	37
774	182	590	93,000	.....	38,700	14	24	540,929	.....	.....	15
245	100	.....	2,367	.....	.....	4	1	7,179	19,594	300	4
4,782	115	2,971	143,897	.....	483,950	70	123	4,230,947	40,857	370	56

## SEVENTH DISTRICT

*Hon. James McSherry, Director,  
Department of Mines and Minerals,  
Springfield, Illinois.*

SIR: I have the honor of submitting to you the report of this the Seventh Inspection District, comprising the coal producing counties of Bond, Crawford, Jasper, Madison, Marion and Richland, for the year ended December 31, 1935.

The items shown are summarized in the following general statement which likewise shows the comparative figures for the four previous years:

Respectfully submitted,

T. ALVIN SCULLY, *Inspector.*

	1935	1934	1933	1932	1931
Number of counties producing coal.....	5	6	3	3	4
Number of shipping mines.....	10	10	10	12	12
Number of local mines.....	37	36	21	12	10
Number of employees underground.....	2,378	2,355	2,214	2,391	1,997
Number of employees on surface.....	442	421	369	292	281
Total number employed.....	2,820	2,776	2,583	2,683	2,278
Tons of coal produced in shipping mines.....	1,801,301	1,663,887	1,549,275	1,320,089	1,505,906
Tons of coal produced in local mines.....	328,147	280,045	175,131	80,655	67,312
Tons of coal produced, total.....	2,129,448	1,943,932	1,724,406	1,400,744	1,573,218
Days operated, shipping mines, average.....	132	126	135	120	125
Days operated, local mines, average.....	118	130	153	172	140
Number of undercutting machines.....	85	73	70	75	83
Tons undercut.....	2,025,932	1,803,171	1,640,526	1,306,110	1,408,218
Tons mined by hand.....	93,251	112,217	83,880	94,634	165,000
Tons mined in strip mines.....	10,265	28,544	.....	.....	.....
Number of loading machines used.....	68	60	88	143	115
Tons loaded mechanically.....	1,155,354	1,142,519	1,144,014	868,085	1,002,064
Number of fatal accidents.....	7	7	1	4	5
Number of non-fatal accidents.....	174	195	170	147	150
Number of employees to each fatality.....	403	397	2,583	671	456
Number employed to each non-fatal accident.....	16.2	14.2	15.2	18.2	15.2
Tons of coal mined to each fatality.....	304,207	277,705	1,724,406	350,186	314,644
Tons mined to each non-fatal accident.....	12,238	9,969	14,144	9,529	10,488
Number of fatalities per 1,000 employed.....	2.5	2.5	0.4	1.5	2.2
Number injured per 1,000 employed.....	61.7	70.2	66.0	54.8	65.9

## CHANGED FROM SHIPPING TO LOCAL MINES.

Bunker Hill Coal Co., Collinsville, Madison County.  
Collinsville Coal Co., Collinsville, Madison County.  
Hardscrabble Coal Co., Collinsville, Madison County.

## IDLE SHIPPING MINES.

Henrietta Coal Co. H. T., Edwardsville, Madison County.  
Lumaghi Coal Co. No. 3, Collinsville, Madison County.  
Madison Coal Corp. No. 2, Glen Carbon, Madison County.

## FATAL ACCIDENTS.

November 1, 1934, died January 7, 1935, David B. Fanti, laborer, aged 60 years, married, from injuries from fall of slate in Mt. Olive & Staunton Coal Co. mine No. 2, leaving widow.

January 5, Tony Rinkus, trip rider, aged 45 years, single, crushed by car in Madison County Coal & Mining Co. mine No. 4. No dependents.

February 15, Oscar Gronau, machine helper, aged 57 years, married, killed by fall of clod in mine of Bunker Hill Coal & Mining Co., leaving widow.

February 22, Albert P. Cherrier, miner, aged 58 years, married, killed by fall of clod and coal in mine of Sunshine Coal Co., leaving widow.

June 1, Charles Millus, trip rider, aged 33 years, married, died from causes unknown in mine of Lumaghi Coal Co. No. 2, leaving widow.

July 23, Charles Mor, miner, aged 46 years, married, killed by fall from hoisting bucket in mine of Klondike Coal Co., leaving widow.

October 24, George Nauyakaitis, miner, aged 48 years, killed by fall of top coal in mine No. 1 of Collinsville Coal Corporation, leaving widow.

## FATAL ACCIDENTS, SEVENTH DISTRICT, 1935.

Date of injury.	Date of death.	Name.	Age.	Occupation.	Residence.	Name of operator of mine.	Number or letter of mine.	Married.	Single.	Widow.	Children.	Dependents.	Cause of death.
Nov. 1/34	Jan. 7	David B. Fanti.	60	Laborer.	Staunton.	Mt. Olive & Staunton Coal Co.	2	1				1	Fall of slate.
Jan. 15	Jan. 5	Tony Rinkus.	45	Trip rider	Edwardsville.	Madison County Coal & Mining Co.	4		1			1	Crushed by car.
Feb. 15	Feb. 25	Oscar Gronau.	57	Machine helper.	Collinsville.	Runkel Hill Coal & Mining Co.		1		1		1	Fall of clod.
Feb. 22	Feb. 22	Albert P. Cherrier.	58	Miner.	Bethalto.	Sunnine Coal Co.		1		1		1	Fall of clod and coal.
June 1	June 1	Charles Millus.	33	Trip rider.	Collinsville.	Lumachi Coal Co.	2	1		1		1	Causes unknown.
July 23	July 23	Charles Mor.	46	Miner.	Gillespie.	Klondike Coal Co.		1		1		1	Fell from hoisting bucket.
Oct. 24	Oct. 29	George Nayyakattis.	48	Miner.	Collinsville.	Collinsville Coal Corp.	1	1		1		1	Fall of top coal.

## NON-FATAL ACCIDENTS, SEVENTH DISTRICT.

Name of operator.	Number injured.	Number not re-returned.	Days lost by men returned.		Loss of 7 but less than 30 days.		Loss of 30 or more days.		Month in which accident occurred.	
			Total.	Average.	Number injured.	Days lost.		Number injured.	Month.	Number injured.
						Total.	Average.			
Bullock Mining Co.	2	.....	47	24	1	12	12	1	35 January	17
Chicago Coal Co.	5	.....	237	47	.....	.....	.....	5	47 February	18
Illinois-Pennsylvania Coal Co.	38	.....	1,472	51	12	206	17	17	74 March	21
Livingston-Mt. Olive Coal Co.	20	.....	412	21	17	240	14	3	57 April	10
Livingston Coal Co.	35	.....	1,033	33	19	346	18	12	57 May	6
Madison County Coal & Mining Co.	11	.....	194	22	7	114	16	2	40 June	11
Marion County Coal Co.	12	.....	266	24	7	109	16	4	39 July	8
Mt. Olive & Staunton Coal Co., No. 2	19	.....	588	31	9	157	17	10	43 August	3
Odin Coal Co.	4	.....	80	20	2	20	10	2	30 September	19
Shipping mines	146	16	4,329	33	74	1,204	16	56	October	17
Local Mines	28	6	689	33	9	140	16	13	56 November	22
Total	174	22	5,018	33	83	1,344	16	69	42 December	18
									Total	a174

(a) Includes four accidents not reported by month in which they occurred.

## BOND COUNTY

Number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
SHIPPING MINES.							
1	Illinois-Pocahontas Coal Co. . . . .	Pocahontas . . . . .	84,355	42,456	22,855	.....	15,620

## CRAWFORD COUNTY

LOCAL MINES.							
1	Ray Blair .....	Palestine .....	4,134	.....	.....	.....	3,954
2	Ikemire Coal Mine .....	Palestine .....	475	.....	.....	.....	375
3	Jess L. McCannon .....	Palestine .....	303	.....	.....	.....	300
4	Right Way Mining Co. ....	Palestine .....	110	.....	.....	.....	108
5	W. D. McColpin .....	Robinson .....	56	.....	.....	.....	56
5 local mines total .....			5,078	.....	.....	.....	4,793

## JASPER COUNTY

LOCAL MINES.							
1	Joseph N. Jourdan .....	Newton .....	525	.....	.....	.....	500

## MADISON COUNTY

SHIPPING MINES.							
1	Bullock Mining Co. ....	Collinsville .....	33,744	6,575	.....	.....	26,844
2	Chicopee Coal Co. ....	Troy .....	70,820	2,228	.....	.....	60,251
3	Livingston-Mt. Olive Coal Co. ....	Livingston .....	189,028	92,969	37,239	.....	47,771
4	Lumaghi Coal Co., No. 2 .....	Collinsville .....	384,062	253,410	9,209	.....	107,816
5	Madison County Coal & Mining Co. ....	Edwardsville .....	135,500	121,905	5,115	.....	790
6	Mt. Olive & Staunton Coal Co. No. 2 .....	Staunton .....	554,791	511,726	21,600	.....	7,470
7	Stiers Bros. Construction Co. ....	Moro .....	6,845	1,720	.....	.....	3,937
7 shipping mines total .....			1,374,790	990,533	73,163	.....	254,879
LOCAL MINES.							
1	Collinsville Coal Corp. ....	Collinsville .....	74,274	.....	.....	.....	71,274
2	Bunker Hill Coal Co. ....	Collinsville .....	54,810	.....	.....	.....	51,700
3	Sugar Loaf Coal Corp. ....	Collinsville .....	45,890	.....	.....	.....	42,420
4	Glen Carbon Coal Co., Inc. ....	Collinsville .....	38,675	.....	.....	.....	34,125
5	Hardscrabble Coal Co. ....	Collinsville .....	33,402	.....	.....	.....	32,521
6	Button Coal Co. ....	Collinsville .....	24,025	.....	.....	.....	20,000
7	East Side Coal Co. ....	Edwardsville .....	11,875	.....	.....	.....	9,400
8	Sunset Hill Coal Co. ....	Edwardsville .....	9,360	.....	.....	.....	8,640
9	Klondike Coal Co. ....	Worden .....	5,301	.....	.....	.....	5,005
10	Moro Coal Co. ....	Moro .....	4,483	.....	.....	.....	4,480

## SEVENTH DISTRICT.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permisables—pounds.	Mining machines.	Motors.					
2,609	815	187	100	24,450	2,750			8	1	84,355			10	1

## SEVENTH DISTRICT.

180		7	255	352							4,134			1
100		6	176									475		2
3		7	50	60							303			3
2		4	40	14							110			4
		4	14									56		5
285		28	107	426							4,547	531		

## SEVENTH DISTRICT.

25		7	145	2,100							525			1
----	--	---	-----	-------	--	--	--	--	--	--	-----	--	--	---

## SEVENTH DISTRICT.

295	30	58	133	1,180							33,744		5	1
7,019	1,322	109	139	10,475				3	2	70,820			8	2
8,054	2,995	343	138	1,360				10	9	189,028				3
13,627		387	169	712	62,330			11	18	384,062			5	4
5,440	2,250	215	115	1,236				7	7	135,500			1	5
13,995		533	195	2,536		550	5,600	11	11	554,791			26	6
	1,188	13	43								6,845			7
48,430	7,785	1,658	133	7,024	72,805	550	5,600	42	47	1,334,201	33,744	6,845	45	
2,800	200	57	263	12,500				3		74,274			5	1
785	2,325	63	215	348				2		54,810			6	2
1,510	1,960	54	206	285				3		45,890				3
3,550	1,000	31	303	470				2		38,675				4
483	398	42	128	477				2		33,402				5
680	3,345	29	166	800							24,025			6
800	1,675	22	164	450							11,875			7
720		19	144	110				1		9,360				8
296		13	11	50				1		4,296	1,005			9
3		12	160	50				1		4,483				10

## MADISON COUNTY

Number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
11	Carlin Coal & Mining Co. ....	Bethalto .....	3,909	.....	.....	.....	3,444
12	Hillside Coal Co. ....	Bethalto .....	3,400	.....	.....	.....	3,400
13	E. L. Smith Coal Co. ....	Alton .....	2,289	.....	.....	.....	1,589
14	Culp Grove Coal Co. ....	Alton .....	2,195	.....	.....	.....	1,895
15	Panama Coal Co. ....	Bethalto .....	1,300	.....	.....	.....	1,275
16	Bowker Coal Co. ....	Bethalto .....	1,104	.....	.....	.....	1,100
17	Gerdt Coal Co., No. 1. ....	Godfrey .....	1,034	.....	.....	.....	1,029
18	John Henkhaus .....	Bethalto .....	999	.....	.....	.....	999
19	Cherrier Bros .....	Bethalto .....	831	.....	.....	.....	825
20	M. Watland .....	Alton .....	600	.....	.....	.....	600
21	John Muessel .....	Alton .....	511	.....	.....	.....	505
22	Draper Coal Co. ....	Alton .....	511	.....	.....	.....	511
23	Moro Coal Co., No. 2. ....	Moro .....	381	.....	.....	.....	379
24	Warren W. Wilson .....	Godfrey .....	371	.....	.....	.....	371
25	Vanduker Coal Co. ....	Bethalto .....	320	.....	.....	.....	318
26	John B. Ritchie, No. 1. ....	Bethalto .....	174	.....	.....	.....	171
27	Ernest H. Rink .....	Bethalto .....	172	.....	.....	.....	170
28	Bethalto Coal Co. ....	Bethalto .....	159	.....	.....	.....	159
29	Seven Hills Coal Co. ....	Alton .....	89	.....	.....	.....	89
30	Dale Bros .....	Bethalto .....	50	.....	.....	.....	50
31	Sycamore Mines .....	Alton .....	50	.....	.....	.....	50
31 local mines total. ....			322,544	.....	.....	.....	298,494
38 all mines total. ....			1,697,334	990,533	73,163	.....	553,373

## MARION COUNTY

SHIPPING MINES.						
1	Marion County Coal Co. ....	Centralia .....	272,574	168,020	58,057	23,544
2	Odin Coal Co. ....	Odin .....	69,582	13,200	33,602	14,262
2 shipping mines total. ....			342,156	181,220	91,659	37,806

## SEVENTH DISTRICT—Concluded.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machines.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
250	215	12	114	150	.....	100	.....	.....	.....	.....	3,909	.....	.....	11
.....	.....	12	185	80	.....	.....	.....	.....	.....	.....	3,400	.....	.....	12
700	.....	12	48	.....	.....	.....	.....	.....	.....	.....	.....	2,289	.....	13
300	.....	12	100	28	.....	.....	.....	.....	.....	.....	2,195	.....	.....	14
25	.....	7	100	.....	.....	.....	.....	.....	.....	.....	1,300	.....	.....	15
4	.....	12	83	30	.....	.....	.....	.....	.....	.....	1,104	.....	.....	16
5	.....	8	202	39	.....	.....	.....	.....	.....	.....	1,034	.....	.....	17
.....	.....	12	97	40	.....	.....	.....	.....	.....	.....	999	.....	.....	18
6	.....	6	79	11	.....	.....	.....	.....	.....	.....	831	.....	.....	19
.....	.....	4	45	.....	.....	.....	.....	.....	.....	.....	.....	600	.....	20
6	.....	4	170	.....	.....	.....	.....	.....	.....	.....	511	.....	.....	21
.....	.....	4	83	27	.....	.....	.....	.....	.....	.....	511	.....	.....	22
2	.....	6	38	6	.....	.....	.....	1	.....	146	235	.....	.....	23
.....	.....	4	90	10	.....	.....	.....	.....	.....	.....	371	.....	.....	24
2	.....	9	35	.....	50	.....	.....	1	.....	320	.....	.....	.....	25
3	.....	4	60	8	.....	.....	.....	.....	.....	.....	174	.....	.....	26
2	.....	3	72	3	.....	.....	.....	.....	.....	.....	172	.....	.....	27
.....	.....	9	22	3	.....	.....	.....	.....	.....	.....	159	.....	.....	28
.....	.....	3	69	5	.....	.....	.....	.....	.....	.....	89	.....	.....	29
.....	.....	3	20	2	.....	.....	.....	.....	.....	.....	50	.....	.....	30
.....	.....	3	90	5	.....	.....	.....	.....	.....	.....	50	.....	.....	31
12,932	11,118	491	118	3,487	12,550	100	.....	17	.....	265,656	53,999	2,889	11	..
61,362	18,903	2,149	121	10,511	85,355	650	5,600	59	47	1,599,857	87,743	9,734	56	..

## SEVENTH DISTRICT.

12,775	10,178	251	165	.....	.....	.....	54,500	8	5	272,574	.....	.....	18	1
8,400	118	198	119	537	.....	.....	.....	10	2	69,146	436	.....	17	2
21,175	10,296	449	142	537	.....	.....	54,500	18	7	341,720	436	.....	35	..

## SEVENTH DISTRICT, SHIPPING MINES

County.	Number of mines.	Total tons mined.	Disposition of output in tons.					
			Loaded on cars for shipment.	Sold to railroad companies.	Supplied to locomotives.	Sold to local trade.	Used at the mine.	All coal not sold including waste.
Bond.....	1	84,355	42,456	22,855	.....	15,620	2,609	815
Madison.....	7	1,374,790	990,533	73,163	.....	254,879	48,430	7,785
Marion.....	2	342,156	181,220	91,659	.....	37,806	21,175	10,296
Total.....	10	1,801,301	1,214,209	187,677	.....	308,305	72,214	18,896

## LOCAL MINES

Crawford.....	5	5,078	.....	.....	.....	4,793	285	.....
Jasper.....	1	525	.....	.....	.....	500	25	.....
Madison.....	31	322,544	.....	.....	.....	298,494	12,932	11,118
Total.....	37	328,147	.....	.....	.....	308,787	13,242	11,118

## ALL MINES

Bond.....	1	84,355	42,456	22,855	.....	15,620	2,609	815
Crawford.....	5	5,078	.....	.....	.....	4,793	285	.....
Jasper.....	1	525	.....	.....	.....	500	25	.....
Madison.....	38	1,697,334	990,533	73,163	.....	553,373	61,362	18,903
Marion.....	2	342,156	181,220	91,659	.....	37,806	21,175	10,296
Total.....	47	2,129,448	1,214,209	187,677	.....	612,092	85,456	30,014

## RECAPITULATION BY COUNTIES.

Total employees.	Days operated.	Explosives used for blasting coal.				Number of machines used.	Number of motors in use.	Tons mined by—			Number of animals underground.
		Powder—kegs.	Pellet pow-pounds.	Dyna-mite—pounds.	Permissible—pounds.			Machine.	Hand.	Stripping.	
187	100	.....	24,450	2,750	.....	8	1	84,355	.....	.....	10
1,658	133	7,024	72,805	550	5,600	42	47	1,334,201	33,744	6,845	45
449	142	537	.....	.....	54,500	18	7	341,720	436	.....	35
2,294	132	7,561	97,255	3,300	60,100	68	55	1,760,276	34,180	6,845	90

## SEVENTH DISTRICT.

28	107	426	.....	.....	.....	.....	.....	4,547	531	.....
7	145	.....	2,100	.....	.....	.....	.....	525	.....	.....
491	118	3,487	12,550	100	.....	17	.....	265,656	53,999	2,889
526	118	3,913	14,650	100	.....	17	.....	265,656	59,071	3,420

## SEVENTH DISTRICT.

187	100	.....	24,450	2,750	.....	8	1	84,355	.....	.....	10
28	107	426	.....	.....	.....	.....	.....	.....	4,547	531	.....
7	145	.....	2,100	.....	.....	.....	.....	.....	525	.....	.....
2,149	121	10,511	85,355	650	5,600	59	47	1,599,857	87,743	9,734	56
449	142	537	.....	.....	54,500	18	7	341,720	436	.....	35
2,820	120	11,474	111,905	3,400	60,100	85	55	2,025,932	93,251	10,265	101

## EIGHTH DISTRICT

*Hon. James McSherry, Director,  
Department of Mines and Minerals,  
Springfield, Illinois.*

SIR: I have the honor of submitting to you the report of this the Eighth Inspection District, comprising the coal producing counties of Clinton, Monroe and St. Clair, for the year ended December 31, 1935.

The items shown are summarized in the following general statement which likewise shows the comparative figures for the four previous years:

Respectfully submitted,  
DAVID T. STUART, *Inspector.*

	1935	1934	1933	1932	1931
Number of counties producing coal.....	3	3	3	3	2
Number of shipping mines.....	25	25	26	30	28
Number of local mines.....	46	47	45	33	25
Number of employees underground.....	3,148	3,188	3,017	2,989	2,882
Number of employees on surface.....	549	540	550	506	547
Total number employed.....	3,697	3,728	3,567	3,495	3,429
Tons of coal produced in shipping mines.....	2,262,668	2,328,014	2,269,978	1,905,835	2,613,653
Tons of coal produced in local mines.....	477,639	464,899	374,432	357,601	348,497
Tons of coal produced, total.....	2,740,307	2,792,913	2,644,410	2,263,436	2,962,150
Days operated, shipping mines, average.....	138	147	119	96	130
Days operated, local mines, average.....	130	146	132	147	171
Number of undercutting machines.....	67	66	63	69	58
Tons undercut.....	1,197,285	1,392,014	1,363,828	1,002,158	1,507,848
Tons mined by hand.....	1,417,212	1,337,769	1,190,468	1,008,328	1,084,318
Tons mined in strip mines.....	125,810	63,130	90,114	252,950	369,984
Number of loading machines used.....	53	49	54	97	131
Tons loaded mechanically.....	769,879	740,470	804,215	815,936	1,458,202
Number of fatal accidents.....	5	4	3	2	8
Number of non-fatal accidents.....	158	166	125	112	194
Number of employees to each fatality.....	739	932	1,189	1,747	429
Number employed to each non-fatal accident.....	23.4	22.5	28.5	31.2	17.7
Tons of coal mined to each fatality.....	548,061	698,228	881,470	1,131,718	370,269
Tons mined to each non-fatal accident.....	17,344	16,825	21,155	20,209	15,269
Number of fatalities per 1,000 employed.....	1.3	1.1	0.8	.6	2.3
Number injured per 1,000 employed.....	42.7	44.5	35.0	32	56.6

## IDLE SHIPPING MINES.

Alcoa Ore Co., Belleville, St. Clair County.

Breese Trenton Mining Co., Breese, Clinton County.

Perry Coal Co., Taylor, O'Fallon, St. Clair County.

Southern Coal, Coke & Mining Co. No. 8, Belleville, St. Clair County.

Summit Coal Co., Belleville, St. Clair County.

United Electric Coal Co. No. 13, Freeburg, Illinois.

## FATAL ACCIDENTS.

April 10, Ferdinand Mayer, miner, aged 64 years, married, died of erysipelas resulting from injuries received in fall of coal in mine of Schubert Coal Co., leaving widow.

June 12, Louis Malacarni, machine runner, aged 48 years, married, killed by fall of slate in mine of Gundlach Coal Co., leaving widow and one child.

October 23, Philip Krauss, miner, aged 68 years, married, killed by fall of clod and slate in mine of Freeburg Coal Co., leaving widow and one child.

December 17, William J. Eddy, timberman, aged 59 years, single, killed by fall of slate in mine of Gundlach Coal Co. One dependent.

## FATAL ACCIDENTS, EIGHTH DISTRICT, 1935.

Date of injury.	Date of death.	Name.	Age.	Occupation.	Residence.	Name of operator of mine.	Number or letter of mine.	Married.	Single.	Widow.	Children.	Dependents.	Cause of death.
April 10.	April 14.	Ferdinand Mayer	64	Miner.	Mascoutah.	Shubert Coal Co.	.....	1	.....	1	.....	1	1 Erysipelas from fall of coal.
June 12.	June 12.	Louis Malscarni	48	Machine runner.	Collinsville.	Gundlach Coal Co.	.....	1	.....	1	.....	2	Fall of slate.
Oct. 23.	Nov. 22.	Philip Krause	68	Miner.	Freeburg.	Freeburg Coal Co.	.....	1	.....	1	.....	2	Fall of elod and slate.
Dec. 17.	Dec. 17.	William J. Eddy	59	Timberman.	Belleville.	Gundlach Coal Co.	.....	1	.....	1	.....	1	Fall of slate.

## NON-FATAL ACCIDENTS, EIGHTH DISTRICT.

Name of operator.	Number injured.	Days lost by men returned.		Loss of 7 but less than 30 days.		Loss of 30 or more days.		Month in which accident occurred.	
		Total.	Average.	Number injured.	Days lost. Total.	Average.	Number injured.	Days lost. Total.	Average.
Peckemeyer Coal Co.	12	218	22	7	122	17	3	96	32
Citizens Coal Co.	5	70	14	1	70	18			February
Eldnar Coal Co.	1	14	14	1	14	14			March
Freeburg Co. 1 Co.	5	236	47	2	25	13	3	211	70
Gill Coal Corp.	3	811	27	2	35	18	1	46	46
Golden Rule Coal Co.	7	328	47	3	78	20	3	250	83
Groom Coal Co.	3	42	14	3	42	14			July
Guest Coal Co.	2	96	48	1	20	20	1	67	67
Gundlach Coal Co.	17	581	36	8	134	17	8	447	56
Lenzburg Coal Co.	4	78	20	4	78	20			September
Mulberry Hill Coal Co.	2	102	51	2	32	16	2	102	51
New National Coal Co.	2	32	16	2	32	16			October
O. K. Coal Co.	2	100	50	1	10	10	1	90	90
Perry Coal Co., "Carbon"	3	96	32	1	10	10	3	96	32
Perry Coal Co., "St. Ellen"	19	364	24	9	137	15	4	227	28
Prairie Coal Co.	8	259	32	4	76	19	4	183	46
Quality Coal Co.	3	68	23	2	35	18	1	33	33
Rentchler Fuel Co.	1	31	31	1	31	31	1	31	31
St. Louis & O'Fallon Coal Co., No. 2	7	335	48	3	57	22	4	278	70
Service Coal Co.	6	409	68	4	50	13	2	359	180
Southern Coal, Coke & Mining Co., No. 6	2	8	8	1	8	8	5	351	70
Southern Coal, Coke & Mining Co., No. 7	7	380	54	2	29	15	1	51	51
Southern Coal, Coke & Mining Co., No. 9	3	102	34	2	51	26	3	266	89
Vinegar Hill Coal Co.	5	309	62	2	43	22			
White Coal Co.	2	32	16	2	32	16			
Shipping mines	131	4,371	36	70	1,187	17	52	3,184	61
Local mines	27	759	108	11	158	14	9	601	67
Total	158	5,130	36	81	1,345	17	61	3,785	62
								Total	a158

(a) Includes three accidents not reported by month in which they occurred.

## CLINTON COUNTY

Number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
	SHIPPING MINES.						
1	Beckemeyer Coal Co. ....	Beckemeyer .....	68,837	20,709			42,842
2	Citizens Coal Co. ....	Breese .....	85,142	38,060			44,082
3	Southern Coal, Coke & Mining Co., No. 9. ....	New Baden .....	89,439	70,923	664		11,451
	3 shipping mines total. ....		243,418	129,692	664		98,375

## MONROE COUNTY

LOCAL MINES.							
1	William Puckett, No. 1	Columbia	350				330
2	Valley Coal Co.	Columbia	252				252
2 local mines total.			602				582

## ST. CLAIR COUNTY

SHIPPING MINES.							
1	Eldnar Coal Co.	Belleville	27,030				26,300
2	Freeburg Coal Co.	Freeburg	31,181	7,201			22,500
3	Gill Coal Corp.	Marissa	45,666	40,808	2,087		1,774
4	Golden Rule Coal Co.	Lenzburg	68,230	48,450	16,806		1,296
5	Groom Coal Co.	Belleville	83,134	15,794		15,920	47,500
6	Guest Coal Co.	Belleville	35,696				30,936
7	Gundlach Coal Co.	E. St. Louis	163,286	79,891	57,173	1,773	19,694
8	Lenzburg Coal Co.	Lenzburg	41,147	36,977	3,655		338
9	Mulberry Hill Coal Co.	Freeburg	47,925	7,343			38,125
10	New National Coal & Mining Co.	Belleville	39,601				39,576
11	O. K. Coal Co.	Marissa	71,326	58,191	10,755		
12	Perry Coal Co., "Carbon"	O'Fallon	85,043	10,242	40,670		32,866
13	Perry Coal Co., "St. Ellen"	O'Fallon	306,122	143,947	19,332		138,423
14	Prairie Coal Co.	Belleville	125,961	35,072			87,889
15	Quality Coal & Mining Co.	Belleville	38,089	1,739			34,740
16	Rentschler Fuel Co.	Belleville	15,829				12,479
17	St. Louis & O'Fallon Coal Co.	E. St. Louis	352,472	183,739	138,154	1,326	4,466
18	Service Coal Co.	Belleville	46,483	5,436			39,347
19	Southern Coal, Coke & Mining Co., No. 6.	Belleville	48,894	20,329	343		26,094
20	Southern Coal, Coke & Mining Co., No. 7.	Belleville	204,551	122,412	4,687		66,726
21	Vinegar Hill Coal Co.	Lenzburg	74,240	54,252	15,675		1,155
22	White Coal Co.	Belleville	67,344	400			66,394
22 shipping mines total.			2,019,250	872,313	309,337	19,019	738,618
LOCAL MINES.							
1	F. C. Morgan Coal Co., No. 1.	Millstadt	64,427				64,427
2	F. C. Morgan Coal Co., No. 2.	Millstadt	48,663				48,663
3	Bell-Heat Coal Co.	Belleville	34,316				34,216
4	Pep Coal Co.	New Athens	33,741				32,000
5	East Bell Coal Co.	Belleville	27,243				27,218
6	Schubert Coal Co.	Belleville	23,948				23,900

## EIGHTH DISTRICT.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
3,528	1,758	109	152				7,350	3	1	68,837			4	1
3,000		107	180	1,070				4	3	85,142			6	2
6,401		262	70	990				12	11	89,439				3
12,929	1,758	478	134	2,060			7,350	19	15	243,418			10	

## EIGHTH DISTRICT.

20	4	128	19								350			1
	3	130	22								252			2
20	7	129	41								602			

## EIGHTH DISTRICT.

730		42	120	1,225					1		27,030		2	1
1,480		66	99	1,940					1		31,181		4	2
600	307	115	86	1,791					1		45,666		7	3
1,475	203	66	140	2,237	4,050				2		68,230		4	4
3,500	420	107	156		65,000				2		83,134		6	5
1,210	3,550	80	128	226				4	1	35,696			4	6
	4,755	129	185		72,500			8	4	163,286			12	7
177		53	118		38,800				1		41,147		3	8
2,250	207	88	113	1,693					1		47,925		5	9
25		59	144	200		100		2	1	39,601			4	10
2,380		140	111	3,079					2		71,326		7	11
1,265		106	151	4,145					2		85,043		8	12
4,420		234	239					6	11	306,122			10	13
3,000		180	145	1,663	73,100				3		125,961		10	14
80	1,530	73	146	1,068	2,450	25			1		38,089		5	15
1,270	2,080	51	76	327	8,300				1		15,829		3	16
21,611	3,176	490	140	3,445	2,600			21	10	352,472			18	17
1,100	600	86	164	1,818					2		46,483		5	18
496	1,632	90	123	1,946					1		48,894		4	19
10,726		123	231	9,566					2		204,551		24	20
2,435	723	67	143	3,347					1		74,240		4	21
550		95	142	2,600					1		67,344		5	22
60,780	19,183	2,540	141	42,316	266,800	125		41	52	897,177	1,122,073		154	
		18	200									64,427		1
		18	200									48,663		2
100		48	188	382				2		34,316				3
741	1,000	36	193	1,769							33,741			4
25		44	160	1,100							27,243			5
48		30	217	798							23,948			6

## ST. CLAIR COUNTY

Number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
7	Patterson-Harding Coal Co.	Belleville	22,484				17,484
8	Tower Grove Coal Co.	Belleville	21,090				19,630
9	Crown Coal Co.	Freeburg	20,668				19,768
10	Southern Coal, Coke & Mining Co., No. 1.	Belleville	16,987				16,612
11	Hippard Coal Co.	Caseyville	16,286				15,962
12	Wildwood Coal Co.	Freeburg	15,788				15,788
13	Edgemont Coal Co.	Belleville	15,603				15,513
14	William Travis	Belleville	12,759				12,759
15	New St. Clair Coal Co.	Caseyville	12,006				10,128
16	Hill Coal Co.	Freeburg	10,433				10,400
17	East Side Coal Co.	Freeburg	9,140				8,940
18	West Side Coal Co.	Marissa	8,986				8,626
19	Fullerton Coal Co.	Belleville	6,512				6,092
20	C. S. Mayer	Belleville	6,480				6,180
21	Midway Coal Co.	Freeburg	6,303				5,103
22	Reinheimer Mine	Freeburg	5,838				4,548
23	Pioneer Coal Co.	Belleville	5,266				5,266
24	New Athens Coal Co.	New Athens	5,114				5,066
25	C. R. Luster & Son	Millstadt	4,406				4,196
26	Drift Coal Co.	Caseyville	3,749				3,726
27	Howard E. Miller	Caseyville	3,413				3,227
28	G. & E. Coal Co.	Belleville	2,825				2,325
29	Alfred Dahm	Belleville	2,030				1,790
30	Mayer Coal Co.	Belleville	1,912				1,912
31	Lill Coal Co.	Millstadt	1,695				1,190
32	K. E. Guthertz	Millstadt	1,555				1,555
33	Woodland Coal Co.	Caseyville	1,360				1,360
34	Jacob Mayer, et al.	Belleville	1,020				1,020
35	Rock Creek Coal Co.	Freeburg	767				764
36	Grossman Mine	Belleville	576				576
37	Sun Ray Mine	Edgemont Sta.	394				285
38	R. L. Schorr	Millstadt	375				365
39	Philip E. Maeke	Freeburg	309				284
40	Fred Ziska	E. St. Louis	258				258
41	George Nolte	Caseyville	110				107
42	Erhstein & Pruessing	Belleville	80				70
43	Augustine Coal Co.	Freeburg	72				72
44	L. Pannier & Sons	Belleville	50				50
44 local mines total			477,037				459,421
66 all mines total			2,496,287	872,313	309,337	19,019	1,198,039

## EIGHTH DISTRICT—Concluded.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
860	5,000	33	213	1,122							22,484			7
900	600	30	172	868							21,090			8
		12	234	1,000							20,668			9
375		50	96	605							16,987			10
324		36	108		7,900			1		14,218	2,068			11
		14	179		17,500						15,788			12
90		34	126	763	2,375						15,603			13
		15	289	385							12,759			14
500	1,378	12	178	240				1		1,031	10,975			15
33		12	172		5,000						10,433			16
200		10	186	425							9,140			17
360		12	185	480							8,986			18
420		11	136	240							6,512			19
300		9	150	20								6,480		20
1,200		8	210		5,150						6,303			21
	1,290	9	115	275							5,838			22
		25	54	150				1		5,266				23
48		6	200	222							5,114			24
	210	10	54	4								4,406		25
23		15	70	148							3,749			26
	186	10	54	124							3,413			27
500		24	35	150							2,825			28
240		12	74	10							2,030			29
		5	95		1,175						1,912			30
190	315	10	67	37				1		1,695				31
		4	125								1,555			32
		4	190	55							1,360			33
		4	45	30								1,020		34
3		3	72	6				1		164	603			35
		2	122		600						576			36
	109	6	50	21							394			37
10		3	40									375		38
25		6	23	2		50						309		39
		1	300	32							258			40
3		4	110	6							110			41
10		4	20									80		42
		6	5	3							72			43
		4	15	2								50		44
7,528	10,088	672	130	11,444	39,730	50	....	7	....	56,690	294,537	125,810	....	
68,308	29,271	3,212	134	53,760	306,530	175	....	48	67	953,867	1,416,610	125,810	154	

## EIGHTH DISTRICT, SHIPPING MINES

County.	Number of mines.	Total tons mined.	Disposition of output in tons.					
			Loaded on cars for shipment.	Sold to railroad companies.	Supplied to locomotives.	Sold to local trade.	Used at the mine.	All coal not sold including waste.
Clinton.....	3	243,418	129,692	664	.....	98,375	12,929	1,758
St. Clair.....	22	2,019,250	872,313	309,337	19,019	738,618	60,780	19,183
Total.....	25	2,262,668	1,002,005	310,001	19,019	836,993	73,709	20,941

## LOCAL MINES

Monroe.....	2	602	.....	.....	.....	582	20	.....
St. Clair.....	44	477,037	.....	.....	.....	459,421	7,528	10,088
Total.....	46	477,639	.....	.....	.....	460,003	7,548	10,088

## ALL MINES

Clinton.....	3	243,418	129,692	664	.....	98,375	12,929	1,758
Monroe.....	2	602	.....	.....	.....	582	20	.....
St. Clair.....	66	2,496,287	872,313	309,337	19,019	1,198,039	68,308	29,271
Total.....	71	2,740,307	1,002,005	310,001	19,019	1,296,996	81,257	31,029

## RECAPITULATION BY COUNTIES.

Total employees.	Days operated.	Explosives used for blasting coal.				Number of mining machines used.	Number of motors in use.	Tons mined by—			Number of animals underground.
		Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissible—pounds.			Machine.	Hand.	Stripping.	
478	134	2,060	.....	.....	7,350	19	15	243,418	.....	.....	10
2,540	141	42,316	266,800	125	.....	41	52	897,177	1,122,073	.....	154
3,018	138	44,376	266,800	125	7,350	60	67	1,140,595	1,122,073	.....	164

## EIGHTH DISTRICT.

7	129	41	.....	.....	.....	.....	.....	.....	602	.....	.....
672	130	11,444	39,730	50	.....	7	.....	56,690	294,537	125,810	.....
679	130	11,485	39,730	50	.....	7	.....	56,690	295,139	125,810	.....

## EIGHTH DISTRICT.

478	134	2,060	.....	.....	7,350	19	15	243,418	.....	.....	10
7	129	41	.....	.....	.....	.....	.....	.....	602	.....	.....
3,212	134	53,760	306,530	175	.....	48	52	953,867	1,416,610	125,810	154
3,697	133	55,861	306,530	175	7,350	67	67	1,197,285	1,417,212	125,810	164

## NINTH DISTRICT

*Hon. James McSherry, Director,  
Department of Mines and Minerals,  
Springfield, Illinois.*

SIR: I have the honor of submitting to you the report of this the Ninth Inspection District, comprising the coal producing counties of Jackson, Perry, Randolph and Washington, for the year ended December 31, 1935.

The items shown are summarized in the following general statement which likewise shows the comparative figures for the four previous years:

Respectfully submitted,  
LEONARD FORESTER, *Inspector.*

	1935	1934	1933	1932	1931
Number of counties producing coal.....	4	4	4	4	4
Number of shipping mines.....	35	31	27	22	20
Number of local mines.....	49	53	56	51	50
Number of employees underground.....	3,012	2,813	2,777	2,628	2,687
Number of employees on surface.....	1,665	1,469	1,395	1,271	1,266
Total number employed.....	4,677	4,282	4,172	3,899	3,953
Tons of coal produced in shipping mines.....	5,473,191	5,249,945	4,373,839	4,932,338	5,670,295
Tons of coal produced in local mines.....	141,541	112,806	124,247	123,429	111,824
Tons of coal produced, total.....	5,614,732	5,362,751	4,498,086	5,055,767	5,782,119
Days operated, shipping mines, average.....	111	124	106	109	128
Days operated, local mines, average.....	147	117	129	147	133
Number of undercutting machines.....	121	114	110	98	112
Tons undercut.....	2,169,659	2,194,893	1,561,838	1,521,693	2,297,682
Tons mined by hand.....	315,018	205,250	162,703	145,038	233,301
Tons mined in strip mines.....	3,130,055	2,962,608	2,773,545	3,389,036	3,251,136
Number of loading machines used.....	64	52	57	43	66
Tons loaded mechanically.....	1,082,133	1,216,757	919,347	914,429	1,598,622
Number of fatal accidents.....	5	4	8	4	9
Number of non-fatal accidents.....	234	173	162	131	172
Number of employees to each fatality.....	935	1,071	521	975	439
Number employed to each non-fatal accident.....	19.9	24.8	25.7	29.8	23
Tons of coal mined to each fatality.....	1,122,946	1,340,688	562,261	1,263,942	642,458
Tons mined to each non-fatal accident.....	23,994	30,999	27,766	38,593	33,617
Number of fatalities per 1,000 employed.....	1.1	0.9	1.9	1.03	2.3
Number injured per 1,000 employed.....	50.0	40.4	38.8	33.6	43.5

## CHANGE OF NAME.

Home Coal Co. to Hustler Coal Co., Willisville, Perry County.  
 Imperial Valley Coal Co. to Home Coal & Mining Co.,  
 Tamaroa, Perry County.

Ring Coal Co. No. 1 to New Galem Coal Co., Cutler, Perry  
 County.

## CHANGED FROM SHIPPING TO LOCAL MINES.

Tamaroa Fuel Co., Tamaroa, Perry County.

## ABANDONED MINES.

Talbot Coalery Co., DuQuoin, Perry County.

## IDLE SHIPPING MINES.

Jackson County Coal Co., Hallidayboro, Jackson County.  
 Little Muddy Coal Co., De Soto, Jackson County.

## FATAL ACCIDENTS.

February 16, Herbert G. Seifert, miner, aged 40 years, married, died from blood poison resulting from injuries received in mine of Venedy Coal Co., leaving widow and four children.

February 21, Eli Bordo, driver, aged 48 years, married, crushed by car in mine of Moffat Coal Co., leaving wife and one child.

September 9, Charlie Hale, miner, aged 51 years, married, killed by fall of rock in mine of Jackson County Coal Co., leaving widow and four children.

November 8, Robert Ogilvie, gang man and driver, aged 44 years, married, crushed by cars in mine No. 14 of Crerar-Clinch Coal Co., leaving wife and seven children.

December 13, Willard Johns, trip rider, aged 21 years, single, crushed by cars in Kathleen mine of the Union Colliery Co. No dependents.

December 24, Henry Luehrs, miner, aged 54 years, married, killed by fall of slate in mine of Elm Grove Coal Co., leaving widow.

## NOTICE.

Referring to the annual coal report for the year 1934, page 226.

The Pyramid Coal Corp. at Pinckneyville, was charged with 149,314 tons sold to local trade. This coal was shipped to the Universal Washing Company and not sold locally and the Department is pleased to make this correction at this time.

## FATAL ACCIDENTS, NINTH DISTRICT, 1935.

Date of injury.	Date of death.	Name.	Age.	Occupation.	Residence.	Name of operator of mine.	Number or letter of mine.	Married.	Single.	Widow.	Children.	Dependents.	Cause of death.
Feb 11	Feb. 16	Herbert G. Seifert	40	Miner.	Venedy	Venedy Coal Co.	.....	1	1	1	4	5	Blood poison from injuries.
Feb. 21	Feb. 21	Eli Bordo.	48	Driver.	Sparta.	Moffat Coal Co.	.....	1	1	1	1	2	Crushed by car.
Sep. 9	Sep. 9	Charlie Hale.	51	Miner.	Carbondale.	Jackson County Coal Co.	.....	1	1	1	4	6	Fall of rock.
Nov. 8	Nov. 9	Robert Oglvie.	44	Gangman and driver.	Christopher.	Grerar-Clinch Coal Co.	.....	14	1	1	7	8	Crushed by cars.
Dec. 13	Dec. 13	Willard Johns	21	Trip rider.	Dowell	Union Colliery Co.	Kathleen	1	1	1	1	1	Crushed by cars.
Dec. 24	Dec. 27	Henry Luehrs	54	Miner.	Sparta.	Elm Grove Coal Co.	.....	1	1	1	1	1	Fall of slate.



## JACKSON COUNTY

Number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
SHIPPING MINES.							
1	Peacock Coal Co.	Cartersville	3,691	3,002			266
2	Truax-Traer Coal Co., No. 1	Elkville	202,096	146,387	55,650		59
3	Truax-Traer Coal Co., No. 2	Elkville	462,254	299,415	160,373		1,736
4	Union Colliery Co.	Dowell	603,087	496,562	92,303		1,756
4 shipping mines total			1,271,128	945,366	308,326		3,817
LOCAL MINES.							
1	Templeton Coal Co.	Murphysboro	11,330				10,800
2	Gus Blair Big Muddy Coal Co.	Murphysboro	6,512				6,412
3	M. M. Coal Co.	DeSoto	5,431				4,701
4	E. H. Birkner	Oraville	5,005				4,995
5	Monroe Coal Co.	DeSoto	4,650				4,650
6	Carbondale Coal Co.	Carbondale	4,000				4,000
7	Jackson County Coal Co.	Carbondale	3,889				3,664
8	Swafford Coal Co., No. 1	Carbondale	3,717				3,300
9	H. S. Phillips	Carbondale	3,000				2,500
10	New Muddy Valley Coal Co.	DeSoto	2,954				2,554
11	East Side Coal Co.	Carbondale	2,846				2,818
12	Jackson County Brick Co.	Campbell Hill	2,687				
13	Swafford Coal Co., No. 2	Carbondale	1,663				1,463
14	G. A. Replogle & Sons.	Murphysboro	1,536				1,310
15	Jesse Morgan Coal Co.	Ava	1,426				1,426
16	Maushart & Henderson	Carbondale	1,180				1,180
17	W. K. W. Mine.	Willisville	1,093				1,093
18	Campbell Hill Coal Co.	Campbell Hill	1,035				1,000
19	Walter E. Heiple Coal Co.	Murphysboro	749				734
20	O. R. Moss	Vergennes	270				240
21	Black Cat Coal Co.	Cartersville	206				200
22	Rigdon & Miller	Ava	106				106
23	Independent Coal Co.	Carbondale	70				50
24	Mike Madden	Makanda	50				50
25	Frank Schmidtal	Ava	25				10
25 local mines total			65,430				59,256
29 all mines total			1,336,558	945,366	308,326		63,073

## PERRY COUNTY

SHIPPING MINES.							
1	Bailey Bros. Coal Co.	DuQuoin.	4,755	1,250			3,505
2	Beaucoup Coal Co.	Pineknayville.	18,674	16,464	246		1,724
3	Biby Coal Co.	Pineknayville.	2,791	930			1,687
4	Briar Hill Coal Mining Co.	Pineknayville.	43,635	34,000	5,500		1,635
5	Conant Coal Co.	Conant.	8,371	7,371			800
6	Coulterville Coal Co.	Coulterville.	46,067	27,640	11,726		4,196
7	Crerar-Clinch Coal Co., No. 14.	DuQuoin.	479,535	352,507	79,090		4,814
8	Crerar-Clinch Coal Co., No. 15.	DuQuoin.	136,850	91,560	44,143		354
9	Cutler Coal Co.	Cutler.	101,753	96,071			906
10	Home Coal Co.	Willisville.	2,301	1,555			593
11	Home Coal Mining Co.	Tamaroa.	1,032				1,032
12	Hustler Coal Co.	Willisville.	1,861	1,190			594
13	Imperial Valley Coal Co.	Tamaroa.	2,044	280			1,484
14	New Galem Coal Co.	Cutler.	7,976	7,351	325		100

## NINTH DISTRICT.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
418	5	26	90		3,650			1		3,691			1	1
		152	72		21,500							202,096	2	2
730		173	150		9,300	26,845						462,254	3	3
1,460	11,006	544	131				70,950	20	30	603,087			1	4
2,608	11,011	895	111		34,450	26,845	70,950	21	30	606,778		664,350	2	
530		16	162	280				1		11,330				1
100		12	217	85				1		6,512				2
730		13	270	289							5,431			3
10		7	200	275							5,005			4
		10	108	150							4,650			5
		10	160		1,500						4,000			6
225		8	160		7,300						3,889			7
	417	6	200	190							3,717			8
500		4	211	125							3,000			9
400		10	217	330							2,954			10
28		11	66	142							2,846			11
2,687		10	172	112				1		2,687				12
	200	4	150	100							1,663			13
226		9	200	200							1,536			14
		7	130	82							1,426			15
		4	108	62							1,180			16
		3	100	44							1,093			17
35		3	148	60							1,035			18
15		2	120	35							749			19
30		2	120	16							270			20
6		4	60	20							206			21
		4	68	10							106			22
20		4	10	4							70			23
		1	50	6							50			24
15		3	25	1							25			25
5,557	617	167	137	2,618	8,800			3		20,529	44,901			
8,165	11,628	1,062	134	2,618	43,250	26,845	70,950	24	30	627,307	44,901	664,350	2	

## NINTH DISTRICT.

		11	171	205							4,755		2	1
240		13	175	534	10			1		18,674			1	2
174		12	112	200							2,791		1	3
2,000	500	72	125	1,340	2,500			1	1		43,635		5	4
200		15	183	569						5,000	3,371		2	5
2,201	304	176	70	575				5	2	46,067			8	6
11,625	31,499	695	141			65,475	29	14	14	468,805	10,730		12	7
525	268	110	88		2,800	29,900	27,550					136,850		8
1,626	3,150	111	150	1,593				5	1	101,753			5	9
153		19	25	23				1		2,301			2	10
		14	29	52							1,032			11
77		22	41	17				1	1	1,861			1	12
280		17	65	114							2,044		1	13
200		47	33	427							7,976		2	14

## PERRY COUNTY

Number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
15	Perfection Coal Co. ....	DuQuoin	86,373	50,308		23,405	12,660
16	Pyramid Coal Corp. ....	Pinekneyville	932,182	171,546	542,851		210,056
17	Pyramid Coal Corp., Coal Strip No. 1. ....	Pinekneyville	292,047	112,892	178,954		201
18	Ring Coal Co. ....	Cutler	15,400	13,500	1,000		100
19	Tamaroa Coal Co. ....	Tamaroa	800	440			300
20	Tamaroa Fuel Co. ....	Tamaroa	806				806
21	United Electric Coal Co., No. 11	DuQuoin	1,016,051	632,895	347,839		
22	Whip-Poor-Will Coal & Mining Co. ....	Cutler	69,862	64,974			3,691
23	Winkle Coal Co. ....	Swanwick	36,640	35,967			335
23 shipping mines total. ....			3,307,806	1,720,691	1,211,674	23,405	251,573
LOCAL MINES.							
1	Elm Grove Coal Co. ....	Cutler	4,610				4,430
2	City Coal Co. ....	Pinekneyville	3,489				3,489
3	Patrick Coal Co. ....	DuQuoin	2,800				2,600
4	Square Deal Coal Co. ....	Tamaroa	2,400				2,000
5	Talbot Coalery Co. ....	DuQuoin	2,202				2,202
6	Higginson Coal Co. ....	Cutler	1,924				1,784
7	T. J. Howell	DuQuoin	1,635				1,635
8	Burnett Coal Co. ....	DuQuoin	1,088				1,088
9	Jewell Coal Co., No. 3. ....	DuQuoin	763				763
10	West Park Coal Co. ....	DuQuoin	719				600
11	New Jupiter Coal Co. ....	DuQuoin	519				519
12	Cedar Hill Coal Co. ....	DuQuoin	310				310
12 local mines total. ....			22,444				21,420
35 all mines total. ....			3,330,250	1,720,691	1,211,674	23,405	272,993

## RANDOLPH COUNTY

SHIPPING MINES.							
1	Gulf Fuel & Mining Co. ....	Sparta	3,800	3,800			
2	Il-Mo. Coal Co. ....	Sparta	13,740	5,563	6,842		1,170
3	Jones Bros. Coal Mining Co., No. 2. ....	Marissa	65,207	26,627			35,796
4	Moffat Coal Co. ....	Sparta	239,166	5,308	222,551		4,851
5	St. Louis Coal Co. ....	Coulterville	200,972	144,502	30,850		14,207
5 shipping mines total. ....			522,885	185,800	260,243		56,024
LOCAL MINES.							
1	Lemon & McKelvey Coal Co. ....	Sparta	16,944				14,128
2	Syndicate Mining Co. ....	Percy	8,375				7,575
3	Blair Coal Co. ....	Sparta	6,043				5,887
4	Crain Coal Co. ....	Percy	5,116				4,716
5	Stevenson Coal Co. ....	Sparta	2,703				2,623
6	Baldwin Coal Co. ....	Baldwin	2,382				1,562
7	Beveridge Coal Co. ....	Sparta	1,400				1,120
8	Welshans Coal Co., No. 1	Sparta	1,202				942
9	Harris-Robertson Coal Co. ....	Sparta	1,126				790
10	Black Diamond Coal Co. ....	Walsh	716				676
10 local mines total. ....			46,007				40,019
15 all mines total. ....			568,892	185,800	260,243		96,043

## NINTH DISTRICT—Concluded.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissible—pounds.	Mining machines.	Motors.					
7,729		50 223	89 214		46,450		7,275					86,373 932,182		15 16
		96 28	140 115		21,350		50					292,047		17
800		20	42	750							15,400			2 18
60		16	35	32							800			2 19
5,895	29,422	247	192		79,550	35,338					806			1 20
												1,016,051		21
1,070	127	120	127	2,100							69,862			8 22
155	183	95	87	130			8,325	3	2	36,640				2 23
35,010	65,453	2,229	106	8,741	152,660	65,238	108,675	46	21	681,101	163,202	2,463,503		59
180		4	158	175							4,610			1
		7	201	174							3,489			2
200		3	240	60				1		2,800				3
400		6	196	112							2,400			4
		5	59					1				2,202		5
140		6	185	78							1,924			6
		4	165	55							1,635			7
		3	220	36							1,088			8
		4	193	35							763			9
104		5	80	17				1		704				10
		3	129	25							519			11
		3	77	15							310			12
1,024		53	159	782				3		3,504	16,738	2,202		
36,034	65,453	2,280	124	9,523	152,660	65,238	108,675	49	21	684,605	179,940	2,465,705		59

## NINTH DISTRICT.

25	140	100 30	12 137	30	4,250			5 1	1	3,800 13,740			6 7	1 2
1,784	1,000	136	129	2,483				17	1		65,207		6	3
6,456		377	94		56,800			8	239,166				36	4
4,557	6,856	227	185	264	54,550			6	1	200,972			12	5
12,822	7,996	870	111	2,777	115,600			29	11	457,678	65,207		67	
806	2,010	14	202	269				1		14,704	2,240			1
800		12	123		1,400			1		8,375				2
156		7	156	61				1		6,043				3
400		8	150		1,250			1		5,116				4
80		8	216	227							2,703			5
820		5	210	195							2,382			6
60	220	10	30	20				1		1,400				7
260		4	208		500			1		1,202				8
336		3	70	67							1,126			9
40		4	85	50							716			10
3,758	2,230	75	145	889	3,150			6		36,840	9,167			
16,580	10,226	944	134	3,666	118,750			35	11	494,518	74,374		67	

## WASHINGTON COUNTY

Number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
SHIPPING MINES.							
1	Bois Coal Co. ....	Dubois .....	8,143	741			7,202
2	Centralia Coal Co., No. 5 .....	Centralia .....	286,281	82,731	164,181		21,014
3	Clarkson Coal & Mining Co. ....	Nashville .....	76,948	17,725	18,267	27,373	9,016
3 shipping mines total .....			371,372	101,197	182,448	27,373	37,232
LOCAL MINES.							
1	A. Brockschmidt .....	Venedy .....	4,600				3,800
2	Darmstadt Coal Co. ....	Lenzburg .....	3,060				2,660
2 local mines total .....			7,660				6,460
5 all mines total .....			379,032	101,197	182,448	27,373	43,692

## NINTH DISTRICT.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machines.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
200		40	64	400							8,143		5	1
13,235	5,120	233	166					10	13	286,281			1	12
4,567		102	197	56	10,950		54,350	4	1	76,948			8	3
18,002	5,120	375	142	456	10,950		54,350	14	14	363,229	8,143		14	
800		8	196	334							4,600			1
400		5	200	120							3,060			12
1,200		13	198	454							7,660			
19,202	5,120	388	165	910	10,950		54,350	14	14	363,229	15,803		14	

## NINTH DISTRICT—SHIPPING MINES

County.	Number of mines.	Total tons mined.	Disposition of output in tons.					
			Loaded on cars for shipment.	Sold to railroad companies.	Supplied to locomotives.	Sold to local trade.	Used at the mine.	All coal not sold including waste.
Jackson.....	4	1,271,128	945,366	308,326		3,817	2,608	11,011
Perry.....	23	3,307,806	1,720,691	1,211,674	23,405	251,573	35,010	65,453
Randolph.....	5	522,885	185,800	260,243		56,024	12,822	7,996
Washington.....	3	371,372	101,197	182,448	27,373	37,232	18,002	5,120
Total.....	35	5,473,191	2,953,054	1,962,691	50,778	348,646	68,442	89,580

## LOCAL MINES

Jackson.....	25	65,430				59,256	5,557	617
Perry.....	12	22,444				21,420	1,024	
Randolph.....	10	46,007				40,019	3,758	2,230
Washington.....	2	7,660				6,460	1,200	
Total.....	49	141,541				127,155	11,539	2,847

## ALL MINES

Jackson.....	29	1,336,558	945,366	308,326		63,073	8,165	11,628
Perry.....	35	3,330,250	1,720,691	1,211,674	23,405	272,993	36,034	65,453
Randolph.....	15	568,892	185,800	260,243		96,043	16,580	10,226
Washington.....	5	379,032	101,197	182,448	27,373	43,692	19,202	5,120
Total.....	84	5,614,732	2,953,054	1,962,691	50,778	475,801	79,981	92,427

## RECAPITULATION BY COUNTIES.

Total employees.	Days operated.	Explosives used for blasting coal.				Number of mining machines used.	Number of motors in use.	Tons mined by—			Number of animals underground.
		Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissible—pounds.			Machine.	Hand.	Stripping.	
895	111	.....	34,450	26,845	70,950	21	30	606,778	.....	664,350	2
2,229	106	8,741	152,660	65,238	108,675	46	21	681,101	163,202	2,463,503	59
870	111	2,777	115,600	.....	.....	29	11	457,678	65,207	.....	67
375	142	456	10,950	.....	54,350	14	14	363,229	8,143	.....	14
4,369	111	11,974	313,660	92,083	233,975	110	76	2,108,786	236,552	3,127,853	142

## NINTH DISTRICT.

167	137	2,618	8,800	.....	.....	3	.....	20,529	44,901	.....	.....
53	159	782	.....	.....	.....	2	.....	3,504	16,738	2,202	.....
75	145	889	3,150	.....	.....	6	.....	36,840	9,167	.....	.....
13	198	454	.....	.....	.....	.....	.....	.....	7,660	.....	.....
308	147	4,743	11,950	.....	.....	11	.....	60,873	78,466	2,202	.....

## NINTH DISTRICT.

1,062	134	2,618	43,250	26,845	70,950	24	30	627,307	44,901	664,350	2
2,280	124	9,523	152,660	65,238	108,675	48	21	684,605	179,940	2,465,705	59
944	134	3,666	118,750	.....	.....	35	11	494,518	74,374	.....	67
388	165	910	10,950	.....	54,350	14	14	363,229	15,803	.....	14
4,677	132	16,717	325,610	92,083	233,975	121	76	2,169,659	315,018	3,130,055	142

## TENTH DISTRICT.

*Hon. James McSherry, Director,  
Department of Mines and Minerals,  
Springfield, Illinois.*

SIR: I have the honor of submitting to you the report of this the Tenth Inspection District, comprising the coal producing counties of Franklin and Jefferson, for the year ended December 31, 1935.

The items shown are summarized in the following general statement which likewise shows the comparative figures for the four previous years:

Respectfully submitted,  
WILLIAM J. JOHNSON, *Inspector.*

	1935	1934	1933	1932	1931
Number of counties producing coal.....	2	2	1	1	1
Number of shipping mines.....	12	15	14	14	15
Number of local mines.....	5	5			
Number of employees underground.....	5,531	6,908	6,496	8,075	8,613
Number of employees on surface.....	1,391	1,517	1,404	1,366	1,451
Total number employed.....	6,922	8,425	7,900	9,441	10,064
Tons of coal produced in shipping mines.....	7,985,155	7,780,162	6,703,883	7,064,359	9,531,560
Tons of coal produced in local mines.....	957	541			
Tons of coal produced, total.....	7,986,112	7,780,703	6,703,883	7,064,359	9,531,560
Days operated, shipping mines, average.....	147	130	115	110	139
Days operated, local mines, average.....	62	39			
Number of undercutting machines.....	210	279	264	299	386
Tons undercut.....	7,985,155	7,780,162	6,671,615	7,064,359	9,492,423
Tons mined by hand.....			32,268		39,137
Tons mined in strip mines.....	957	541			
Number of loading machines used.....	443	492	476	684	734
Tons loaded mechanically.....	6,598,265	5,365,594	4,513,921	5,312,097	7,222,452
Number of fatal accidents.....	14	20	11	10	13
Number of non-fatal accidents.....	459	578	570	624	916
Number of employees to each fatality.....	494	421	718	944	744
Number employed to each non-fatal accident.....	15 1	14 6	14	15 1	11
Tons of coal mined to each fatality.....	570,437	389,035	609,444	706,436	733,200
Tons mined to each non-fatal accident.....	17,399	13,461	11,761	11,321	10,406
Number of fatalities per 1,000 employed.....	2 0	2 4	1 4	1 1	1 3
Number injured per 1,000 employed.....	66 3	68 6	72 1	66 1	91 0

### CHANGE OF NAME.

West Frankfort Coal Corp. No. 21, to West Mine Coal Corp.  
at West Frankfort in Franklin County.

### IDLE SHIPPING MINES.

Illinois Coal Corp. No. 10, Nason, Jefferson County.  
Old Ben Coal Corp. No. 9, West Frankfort in Franklin  
County.  
Old Ben Coal Corp. No. 10, Christopher, Franklin County.

Old Ben Coal Corp. No. 11, Christopher, Franklin County.  
 Old Ben Coal Corp. No. 12, Christopher, Franklin County.  
 Old Ben Coal Corp. No. 16, Sesser, Franklin County.  
 Old Ben Coal Corp. No. 19, Rend, Franklin County.  
 United States Fuel Co. M. F., Benton, Franklin County.

#### FATAL ACCIDENTS.

January 3, John Patrick Haney, driver, aged 44 years, married, killed by striking head on roof in Franklin County Coal Co. Inc. mine No. 5, leaving widow.

January 17, Paul Mingeni, machine helper, aged 36 years, married, crushed by cars in mine No. 7 of the Franklin County Coal Co. Inc., leaving widow and two children.

March 7, Ed McDonald, driller and shot firer, aged 52 years, married, killed by premature explosion of shot in mine No. 14 of the Old Ben Coal Corp., leaving widow.

March 12, John Ramsey, timberman and track layer, aged 67 years, married, died from causes unknown in mine No. 1 of the Valier Coal Co., leaving widow.

April 2, Ed D. Pettus, track layer, aged 48 years, married, died from cerebral hemorrhage from injuries received in mine No. 8 of the Old Ben Coal Corp., leaving widow.

May 16, Louis Burlison, tracklayer, aged 55 years, married, crushed between car and door post in mine No. 2 of the Chicago, Wilmington & Franklin Coal Co., leaving widow.

May 31, Thomas Lewis, miner, aged 53 years, married, died from injuries received lifting chunk of coal in mine No. 8 of Old Ben Coal Corp., leaving widow and one child.

June 13, George Rowland, shot firer, aged 46 years, married, killed by rebounding cardox shell in mine No. 1 of the Bell & Zoller Coal & Mining Co., leaving widow and two children.

July 25, Michael Mahon, track layer, aged 75 years, married, killed by fall of top coal in mine No. 14 of the Old Ben Coal Corp., leaving widow and two children.

October 9, William R. Rice, driller, aged 57 years, married, electrocuted in mine No. 2 of the Chicago, Wilmington & Franklin Coal Co., leaving widow and four children.

October 15, John Mabon, trip rider, aged 27 years, married, crushed between car and rib in mine No. 2 of Bell & Zoller Coal & Mining Co., leaving widow.

October 16, Otto Homuth, loader, aged 56 years, single, died November 11, from injuries received from fall of coal in mine No. 15 of Old Ben Coal Corp. No dependents.

October 26, Elmer Louis Jones, repairman, aged 36 years, married, crushed by motor in mine No. 5 of Franklin County Coal Corp., leaving widow and one child.

November 1, John T. Watkins, mine examiner, aged 61 years, married, crushed by motor in mine No. 8 of Old Ben Coal Corp., leaving widow.

## FATAL ACCIDENTS, TENTH DISTRICT, 1935.

Date of injury.	Date of death.	Name.	Age.	Occupation.	Residence.	Name of operator of mine.	Number or letter of mine.	Married.	Single.	Widow.	Children.	Dependents.	Cause of death.
Jan. 3 Jan.	8	John Patrick Hancy.	44	Driver.	Energy.	Franklin County Coal Co., Inc.	5	1	1	1	1	1	1 Struck head on roof.
Jan. 17 Jan.	18	Paul Mingeni.	36	Machine helper.	Royalton.	Franklin County Coal Co., Inc.	7	1	1	1	2	3	Crushed by car.
Mar. 7 Mar.	13	Ed. McDonald.	52	Driller and shot firer.	Benton.	Old Ben Coal Corp.	14	1	1	1	1	1	Premature explosion of shot.
Mar. 12 Mar.	12	John Ramsey.	67	Timberman-track layer.	Christopher.	Valmor Coal Co.	1	1	1	1	1	1	Causes unknown.
Mar. 30 April	2	Ed D. Pettus.	48	Tracklayer.	West Frankfort.	Old Ben Coal Corp.	8	1	1	1	1	1	Cerebral hemorrhage from injuries.
May 16 May	18	Louis Burlison.	55	Tracklayer.	Benton.	C. W. & F. Coal Co.	2	1	1	1	1	1	Crushed between car and door post.
May 31 Aug.	30	Thomas Lewis.	53	Miner.	West Frankfort.	Old Ben Coal Corp.	8	1	1	1	1	2	Lifting chunk of coal.
June 13 June	13	George Rowland.	46	Shot firer.	Christopher.	Bell & Zoller Coal & Mining Co.	1	1	1	1	2	3	Struck by carbox shell.
July 25 Aug.	13	Marcel M. Mon.	75	Tracklayer.	Buckner.	Old Ben Coal Corp.	14	1	1	1	2	3	Fall of top coal.
Oct. 9 Oct.	9	William R. Rice.	57	Driller.	Mulkeytown.	C. W. & F. Coal Co.	2	1	1	1	1	4	Electrocution.
Oct. 13 Oct.	15	John Malon.	27	Trip rider.	Zeigler.	Bell & Zoller Coal & Mining Co.	2	1	1	1	1	1	Crushed between car and rib.
Oct. 16 Nov.	11	Orto Hemuth.	56	Loader.	West Frankfort.	Old Ben Coal Corp.	15	1	1	1	1	1	Fall of coal.
Oct. 26 Oct.	26	Elmer Louis Jones.	36	Repairman.	Herrin.	Franklin County Coal Corp.	5	1	1	1	1	2	Crushed by motor.
Nov. 1 Nov.	1	John T. Watkins.	61	Mine examiner.	West Frankfort.	Old Ben Coal Corp.	8	1	1	1	1	1	Crushed by motor.

## NON-FATAL ACCIDENTS, TENTH DISTRICT.

Name of operator.	Number injured.	Number not re-turned.	Days lost by men returned.		Loss of 7 but less than 30 days.			Loss of 30 or more days.			Month in which accident occurred.	
			Total.	Average.	Number injured.	Days lost.		Number injured.	Days lost.		Month.	Number injured.
						Total.	Average.		Total.	Average.		
Bell & Zoller Coal & Mining Co., No. 1	34	3	663	21	24	332	14	7	331	47	January	58
Bell & Zoller Coal & Mining Co., No. 2	44	8	953	26	27	420	16	9	533	59	February	39
C. W. & F. Coal Co., No. 1	38	6	1,218	32	18	295	16	20	923	46	March	94
C. W. & F. Coal Co., No. 2	55	2	2,483	51	21	362	18	28	2,121	76	April	67
Franklin Co. Coal Corp., No. 5	41	2	1,496	38	20	365	15	19	1,191	63	May	28
Franklin Co. Coal Corp., No. 7	39	8	1,018	33	21	370	18	10	648	65	June	53
Old Ben Coal Corp., No. 8	57	5	2,412	46	22	396	18	30	2,016	67	July	28
Old Ben Coal Corp., No. 14	65	6	2,205	37	26	412	16	33	1,793	54	August	22
Old Ben Coal Corp., No. 15	39	4	1,483	42	18	297	16	17	1,186	70	September	25
Peabody Coal Co., No. 19	40	10	961	32	16	276	17	14	685	49	October	50
Valley Coal Co., No. 1	7	1	174	29	2	31	16	4	143	36	November	43
											December	32
Total	459	53	15,066	37	215	3,496	16	191	11,570	61	Total	459

## FRANKLIN COUNTY

Number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
SHIPPING MINES.							
1	Bell & Zoller Coal & Mining Co., No. 1	Zeigler	1,209,929	825,191	268,483		7,702
2	Bell & Zoller Coal & Mining Co., No. 2	Zeigler	635,932	388,547	185,927		2,270
3	Chicago, Wilmington & Franklin Coal Co., No. 1	Orient	679,844	452,026	209,237		1,132
4	Chicago, Wilmington & Franklin Coal Co., No. 2	West Frankfort	1,387,812	1,005,341	356,720		13,721
5	Franklin County Coal Corp., No. 5	Herrin	487,803	402,963	62,213		5,429
6	Franklin County Coal Corp., No. 7	Royalton	505,910	259,982	199,855		4,628
7	Interstate Coal Co., No. 21	West Frankfort	36,879	27,094	5,512		1,739
8	Old Ben Coal Corp., No. 8	West Frankfort	652,902	546,375	78,129		9,613
9	Old Ben Coal Corp., No. 14	Buckner	534,329	353,651	126,032		15,497
10	Old Ben Coal Corp., No. 15	West Frankfort	637,386	488,854	100,773		957
11	Peabody Coal Co., No. 19	West Frankfort	438,930	337,330	79,876		14,004
12	Valier Coal Co., No. 1	Valier	777,499		771,126		3,002
12 shipping mines total			7,985,155	5,087,354	2,443,883		79,694

## JEFFERSON COUNTY

LOCAL MINES.							
1	Hillary Perry	Dahlgren	514				464
2	Arch McPherson	Opdyke	150				150
3	Walter Cole	Opdyke	113				113
4	J. M. Shelton	Opdyke	90				90
5	Ed Hanson & Son	Belle Rive	90				90
5 local mines total			957				907



## TENTH DISTRICT, SHIPPING MINES

County.	Number of mines.	Total tons mined.	Disposition of output in tons.					
			Loaded on cars for shipment.	Sold to railroad companies.	Supplied to locomotives.	Sold to local trade.	Used at the mine.	All coal not sold including waste.
Franklin.....	12	7,985,155	5,087,354	2,443,883	.....	79,694	100,185	274,039

## LOCAL MINES

Jefferson.....	5	957	.....	.....	.....	907	50	.....
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## ALL MINES

Franklin.....	12	7,985,155	5,087,354	2,443,883	.....	79,694	100,185	274,039
Jefferson.....	5	957	.....	.....	.....	907	50	.....
Total.....	17	7,986,112	5,087,354	2,443,883	.....	80,601	100,235	274,039

## RECAPITULATION BY COUNTIES.

Total em- ployees.	Days oper- ated.	Explosives used for blasting coal.				Number of mining ma- chines used.	Number of motors in use.	Tons mined by—			Number of animals underground.
		Pow- der— kegs.	Pellet powder— pounds.	Dyna- mite— pounds.	Permis- sible— pounds.			Machine.	Hand.	Stripping.	
6,907	147	.....	.....	.....	740,475	210	353	7,985,155	.....	.....	78

## TENTH DISTRICT.

15	62	.....	.....	.....	.....	.....	.....	.....	.....	957	.....
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## TENTH DISTRICT.

6,907 15	147 62	.....	.....	.....	740,475	210	353	7,985,155	.....	.....	78
6,922	209	.....	.....	.....	740,475	210	353	7,985,155	.....	957	78

## ELEVENTH DISTRICT

*Hon. James McSherry, Director,  
Department of Mines and Minerals,  
Springfield, Illinois.*

SIR: I have the honor of submitting to you the report of this the Eleventh Inspection District, comprising the coal producing counties of Gallatin, Pope, Saline, Wabash and White, for the year ended December 31, 1935.

The items shown are summarized in the following general statement which likewise shows the comparative figures for the four previous years:

Respectfully submitted,  
**LOREN A. BELT, Inspector**

	1935	1934	1933	1932	1931
Number of counties producing coal	5	5	5	5	5
Number of shipping mines	10	9	9	10	12
Number of local mines	60	62	66	55	48
Number of employees underground	3,672	3,516	3,658	3,698	4,079
Number of employees on surface	578	586	525	599	597
Total number employed	4,250	4,102	4,183	4,287	4,676
Tons of coal produced in shipping mines	3,198,829	2,731,693	2,506,153	2,429,050	2,965,627
Tons of coal produced in local mines	99,019	81,614	74,000	63,810	52,456
Tons of coal produced, total	3,297,848	2,813,307	2,580,153	2,492,860	3,018,083
Days operated, shipping mines, average	153	144	125	108	106
Days operated, local mines, average	79	86	64	97	83
Number of undercutting machines	217	168	190	189	208
Tons undercut	2,985,314	2,497,775	2,272,461	2,136,930	2,791,433
Tons mined by hand	42,837	45,983	40,900	67,555	61,211
Tons mined in strip mines	269,697	269,549	266,792	288,375	165,439
Number of loading machines used	33	31	62	139	142
Tons loaded mechanically	367,750	323,141	306,574	819,703	1,035,380
Number of fatal accidents	10	5	5	3	16
Number of non-fatal accidents	414	326	288	302	444
Number of employees to each fatality	425	820	837	1,429	292
Number employed to each non-fatal accident	10.2	12.6	14.5	14.2	10.5
Tons of coal mined to each fatality	329,785	562,661	516,031	830,953	188,630
Tons mined to each non-fatal accident	7,966	8,630	8,959	8,255	6,798
Number of fatalities per 1,000 employed	2.4	1.2	1.2	.7	3.4
Number injured per 1,000 employed	97.4	79.5	68.3	7.04	95.0

## IDLE SHIPPING MINES.

Illinois Saline Coal Co., Equality, Gallatin County.  
 Peabody Coal Co. No. 42, Harrisburg, Saline County.  
 Peabody Coal Co. No. 44, Harrisburg, Saline County.  
 Peabody Coal Co. No. 46, Eldorado, Saline County.  
 Sahara Coal Co. No. 8, Harrisburg, Saline County.

## ABANDONED SHIPPING MINES.

Sahara Coal Co. No. 15, Harrisburg, Saline County.

## FATAL ACCIDENTS.

January 28, Elmer Smothers, trip rider, aged 26 years, single, crushed by motor in mine No. 47 of Peabody Coal Co. No dependents.

February 22, Jess Purcell, construction worker, aged 41 years, married, killed in collision of motors in mine No. 10 of the Sahara Coal Co., leaving widow and two children.

March 11, Mike Linsinko, gang loader, aged 56 years, married, killed by fall of rock in mine No. 47 of the Peabody Coal Co., leaving widow and two children.

March 18, Theodore Reeder, loader, aged 28 years, single, killed by fall of rock in mine No. 1 of the Wasson Coal Co. No dependents.

March 22, Jack Deason, miner, aged 34 years, married, injured while drilling in mine No. 12 of the Sahara Coal Co., leaving widow and two children.

May 6, Robert Pattinson, Jr., miner, aged 21 years, single, fell from cage to shaft bottom in mine No. 47 of Peabody Coal Co. No dependents.

September 30, John Kline, Jr., trip rider, aged 29 years, married, crushed by car in mine No. 10 of Sahara Coal Co., leaving widow.

October 11, William Richardson, motorman, aged 32 years, married, killed by fall of rock in mine No. 10 of Sahara Coal Co., leaving widow and five children.

October 21, William Busler, motorman, aged 50 years, married, electrocuted in mine No. 47 of Peabody Coal Co., leaving widow and one child.

October 24, Walter Hutchinson, loader, aged 62 years, widower, killed by fall of rock in mine No. 47 of Peabody Coal Co., leaving one child.

## FATAL ACCIDENTS, ELEVENTH DISTRICT, 1935.

Date of injury.	Date of death.	Name.	Age.	Occupation.	Residence.	Name of operator of mine.	Number or letter of mine.	Married.	Single.	Widow.	Children.	Dependents.	Cause of death.
Jan. 28.	Jan. 28.	Elmer Smooters.	26	Trip rider.	Thompsonville.	Peabody Coal Co.	47	1	1				Crushed by motor.
Feb. 22.	Feb. 22.	Jack Purcell.	41	Construction work.	El Dorado.	Salara Coal Co.	10	1	1	1	2	3	Collision of motors.
Mar. 11.	Mar. 11.	Mike Lushko.	50	Gang loader.	El Dorado.	Peabody Coal Co.	47	1	1	1	2	3	Fall of rock.
Mar. 18.	Mar. 18.	Thomas Redder.	28	Leader.	El Dorado.	Watson Coal Co.	1	1	1				Fall of rock.
Mar. 22.	Mar. 22.	Jack Decker.	34	Miner.	Carrier mills.	Salara Coal Co.	12	1	1	1	2	3	Injured while drilling.
May 6.	May 6.	Robert Pattinson, Jr.	21	Miner.	Harroburg.	Peabody Coal Co.	47	1	1				Fell from cage.
Sept. 30.	Sept. 30.	John Kluge, Jr.	29	Trip rider.	El Dorado.	Salara Coal Co.	10	1	1	1	1	1	Crushed by car.
Oct. 21.	Oct. 21.	William Richardson.	32	Motorman.	El Dorado.	Salara Coal Co.	10	1	1	1	1	5	Fall of rock.
Oct. 21.	Oct. 21.	William Basler.	50	Motorman.	Galatia.	Peabody Coal Co.	47	1	1	1	1	2	Crushed by car.
Oct. 24.	Oct. 24.	Walter Hutchinson.	62	Leader.	Marion.	Peabody Coal Co.	47	1	1	1	1	1	Fall of rock.

## NON-FATAL ACCIDENTS, ELEVENTH DISTRICT.

Name of operator.	Number injured.	Number not re-turned.	Days lost by men returned.		Loss of 7 but less than 30 days.		Loss of 30 or more days.		Month in which accident occurred.	
			Total.	Average.	Number injured.	Days lost.		Number injured.	Month.	Number injured.
						Total.	Average.			
Blue Bird Coal Co.....	5	1	58	14	4	58	14	11	January.....	43
Norris City Coal Co.....	24	1	1,033	45	12	242	20	11	72 February.....	33
Peabody Coal Co., No. 47.....	94	20	4,164	56	23	392	17	51	74 March.....	55
Rex Coal Co.....	40	16	942	39	7	156	22	17	46 April.....	17
Sahara Coal Co., No. 1.....	46	8	1,181	31	21	304	14	17	51 May.....	16
Sahara Coal Co., No. 3.....	25	4	1,194	57	5	63	13	16	71 June.....	24
Sahara Coal Co., No. 10.....	52	7	1,986	44	22	347	16	23	71 July.....	29
Sahara Coal Co., No. 12.....	37	2	1,184	34	18	280	16	17	53 August.....	31
Wasson Coal Co., "A".....	6	4	29	15	2	29	15	16	September.....	47
Wasson Coal Co., No. 1.....	76	18	2,052	35	42	682	16	16	October.....	45
Shipping mines.....	405	81	13,823	43	156	2,553	16	108	November.....	32
Local mines.....	9	2	235	34	1	13	13	6	December.....	42
Total.....	414	83	14,058	.....	157	2,566	.....	174	Total.....	414

## GALLATIN COUNTY

Number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
LOCAL MINES.							
1	Logan Highway Coal Co.	Junction	29,337				28,667
2	Mid City Coal Co., No. 1	Junction	10,158				9,428
3	Pekin Coal Co., No. 1	Equality	2,329				2,221
4	St. Thomas Coal Co.	Junction	2,143				1,743
5	Pekin Coal Co.	Equality	2,100				1,800
6	North Side Coal Co.	Equality	1,400				1,400
7	Andrew Patton	Equality	420				420
8	E. V. Schneider	Sparks Hill	204				204
9	Robert Payne	Shawneetown	200				200
10	James White & Son	Equality	200				200
11	Thornton Colbert	Equality	175				140
12	William Monroe	Junction	135				135
13	Big Hill Coal Co.	Saline Mines	119				94
14	J. O. Baldwin	Equality	104				104
15	Isaac Black	Junction	80				80
16	W. B. Dickson	Junction	60				40
17	Edgar Scott	Sparks Hill	56				46
18	Andy Boister	Junction	36				36
19	Sam Black	Junction	25				25
19 local mines total			49,281				46,983

## POPE COUNTY

LOCAL MINES.							
1	Huey Morse	Golconda	179				179

## SALINE COUNTY

SHIPPING MINES.							
1	Blue Bird Coal Co.	Carrier Mills	262,683	202,020	54,000		6,663
2	Peabody Coal Co., No. 47	Hareo	614,487	452,010	124,312		3,955
3	Rex Coal Co., No. 2	Eldorado	356,788	342,980			6,108
4	Sahara Coal Co., No. 1	Harrisburg	359,152	340,667	11,485		14
5	Sahara Coal Co., No. 3	Harrisburg	292,979	177,192	82,248		22,297
6	Sahara Coal Co., No. 10	Eldorado	359,423	215,789	119,025		16,147
7	Sahara Coal Co., No. 12	Harrisburg	412,156	308,469	87,533		1,862
8	Wasson Coal Co., "A"	Harrisburg	26,682	11,050	14,537		140
9	Wasson Coal Co., No. 1	Harrisburg	461,990	365,962	76,423		5,786
9 shipping mines total			3,146,340	2,416,139	569,563		62,972
LOCAL MINES.							
1	W. P. Carolan & Co.	Carrier Mills	6,308				6,308
2	Lone Star Coal Co.	Carrier Mills	5,000				5,000
3	Silas Morse, No. 3	Harrisburg	3,000				2,025
4	McDonald Coal Co.	Harrisburg	2,923				2,723
5	Buckeye Coal Co.	Equality	2,500				2,500
6	White Star Coal Co.	Equality	2,102				2,097

## ELEVENTH DISTRICT.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Number
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
670		27	225		4,250			1		29,337				1
730		13	120		2,400			1		10,158				2
108		9	73	129							2,329			3
400		14	100	80						500	1,643			4
300		8	70	140				1			2,100			5
		5	98	115							1,400			6
		3	105	17							420			7
		2									204			8
		2	90	17							200			9
		4	50		250						200			10
35		4	35	11							175			11
		2	45	5							135			12
25		3	15	5							119			13
		2	28	7							104			14
		2	50	6							80			15
20		1	20	4							60			16
10		2	20	10							56			17
		2	12	3							36			18
		1	15	2							25			19
2,298		106	65	551	6,900			3		39,995	9,286			

## ELEVENTH DISTRICT.

		3	50		300						179			1
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## ELEVENTH DISTRICT.

		83	165		5,000	174,000						262,683		1
7,128	27,082	876	144				53,575	37	25	614,487				2
7,700		338	182				46,725	11	21	356,788				3
4,416	2,570	622	131		24,525		21,750	46	20	359,152			46	4
8,490	2,752	424	119		34,900		11,700	25	24	292,979			1	5
8,440	22	423	183				31,600	30	17	359,423			23	6
6,495	7,797	403	202				40,450	24	15	412,156			26	7
873	82	172	36		5,100			6	5	26,682				8
12,746	1,073	529	181	112	51,975			28	16	461,990			28	9
56,288	41,378	3,870	149	112	121,500	174,000	205,800	207	143	2,883,657		262,683	124	
		16	140		780	3,450						6,308		1
		5	150	250							5,000			2
975		8	150	150				1		3,000				3
200		8	88	15	200			1		2,673	250			4
		3	200	100							2,500			5
5		7	100	120							2,102			6

## SALINE COUNTY

Number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
7	Silas Moore, No. 4	Equality	2,000				1,500
8	C. C. McNew	Stonefort	1,860				1,860
9	Saline Valley Coal Co	Equality	1,500				1,455
10	L. D. Robertson	Harrisburg	974				924
11	Ralph D. Brown	Carrier Mills	706				706
12	Liberty Coal Co.	Harrisburg	600				600
13	Blue Ribbon Coal Co.	Harrisburg	508				508
14	Bert Ward	Carrier Mills	450				450
15	H. & H. Coal Co	Equality	360				360
16	Rocky Branch Coal Co.	Harrisburg	300				300
17	Gulley & Penrod	Harrisburg	300				300
18	J. G. Littlefield	Equality	300				300
19	Logan Reynolds	Equality	300				298
20	Geo. Fife	Carrier Mills	300				200
21	Oscar Lands	Equality	300				300
22	McDowell Bros	Harrisburg	200				150
23	A. O. Strobel	Equality	150				140
24	Fred Mosman, No. 2	Equality	150				150
25	Logan Uzzle	Eldorado	146				146
26	Fred Mosman, No. 1	Equality	100				100
27	A. L. Tarlton	Equality	100				100
28	Evert Ward	Carrier Mills	40				30
29	T. Osborn, No. 1	Equality	32				32
30	James Lands	Equality	30				30
31	Henry Ragsdale	Equality	20				18
32	R. L. Clements	Carrier Mills	16				16
33	Thos. Colbert	Equality	15				15
33 local mines total			33,590				31,641
42 all mines total			3,179,930	2,416,139	569,563		94,613

## WABASH COUNTY

LOCAL MINES.						
1	Briar Hill Coal Co.	Keensburg	7,200			5,800
2	E. E. Jenkins	Mt. Carmel	4,080			4,020
3	Friendsville Coal Co.	Mt. Carmel	2,680			2,680
4	New Bluff Coal Co.	Keensburg	1,600			1,500
5	A. P. Coal Co.	Mt. Carmel	171			161
6	Robt. Wallace	Mt. Carmel	150			148
7	Chas. Wirth	Mt. Carmel	88			88
7 local mines total			15,969			14,397

## WHITE COUNTY

SHIPPING MINES.						
1	Norris City Coal Mining Co.	Norris City	52,489	27,663		18,703

## ELEVENTH DISTRICT—Concluded.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
500		6	150	100				1		2,000				7
		5	140	65							1,860			8
45		12	100	73				1		1,500				9
50		3	200	70							974			10
		6	27	9								706		11
		7	26	30							600			12
		3	121	50							508			13
		2	90	18							450			14
		12	100	2	225						360			15
		4	30		200						300			16
		2	70	12							300			17
		2	100		750						300			18
2		2	100	20							300			19
100		2	75	20							300			20
		6	39	25							300			21
50		4	30	10							200			22
10		2	90		250						150			23
		2	75	8							150			24
		2	90	16							146			25
		2	30	6							100			26
		2	30	4							100			27
10		1	20	4							40			28
		1	8	2							32			29
		1	6		75						30			30
2		4	3	2							20			31
		2	4	1							16			32
		1	5								15			33
1,949		135	78	1,183	2,480	3,450		4		9,173	17,403	7,014		
58,237	41,378	4,005	94	1,295	123,980	177,450	205,800	211	143	2,883,657	17,403	269,697	124	

## ELEVENTH DISTRICT.

1,400		13	240	450	50						7,200			1
60		9	180	800							4,080			2
		10	290		4,050						2,680			3
100		9	130	300							1,600			4
10		5	60	15							171			5
2		5	30		300						150			6
		4	15	6							88			7
1,572		55	135	1,571	4,400						15,969			

## ELEVENTH DISTRICT.

3,803	2,320	81	187		7,950			3	1	52,489			6	1
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## ELEVENTH DISTRICT, SHIPPING MINES

County.	Number of mines.	Total tons mined.	Disposition of output in tons.					
			Loaded on cars for shipment.	Sold to railroad companies.	Supplied to locomotives.	Sold to local trade.	Used at the mine.	All coal not sold including waste.
Saline .....	9	3,146,340	2,416,139	569,563	.....	62,972	56,288	41,378
White .....	1	52,489	27,663	.....	.....	18,703	3,803	2,320
Total .....	10	3,198,829	2,443,802	569,563	.....	81,675	60,091	43,698

## ALL MINES

Gallatin .....	19	49,281	.....	.....	.....	46,983	2,298	.....
Pope .....	1	179	.....	.....	.....	179	.....	.....
Saline .....	33	33,590	.....	.....	.....	31,641	1,949	.....
Wabash .....	7	15,969	.....	.....	.....	14,397	1,572	.....
Total .....	60	99,019	.....	.....	.....	93,200	5,819	.....

## LOCAL MINES

Gallatin .....	19	49,281	.....	.....	.....	46,983	2,298	.....
Pope .....	1	179	.....	.....	.....	179	.....	.....
Saline .....	42	3,179,930	2,416,139	569,563	.....	94,613	58,237	41,378
Wabash .....	7	15,969	.....	.....	.....	14,397	1,572	.....
White .....	1	52,489	27,663	.....	.....	18,703	3,803	2,320
Total .....	70	3,297,848	2,443,802	569,563	.....	174,875	65,910	43,698

## RECAPITULATION BY COUNTIES.

Total employees.	Days operated.	Explosives used for blasting coal.				Number of mining machines used.	Number of motors in use.	Tons mined by—			Number of animals underground.
		Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissible—pounds.			Machine.	Hand.	Stripping.	
3,870	149	112	121,500	174,000	205,800	207	143	2,883,657		262,683	124
81	187		7,950			3	1	52,489			6
3,951	153	112	129,450	174,000	205,800	210	144	2,936,146		262,683	130

## ELEVENTH DISTRICT.

106	65	551	6,900			3		39,995	9,286		
3	50		300						179		
135	78	1,183	2,480	3,450		4		9,173	17,403	7,014	
55	135	1,571	4,400						15,969		
299	79	3,305	14,080	3,450		7		49,168	42,837	7,014	

## ELEVENTH DISTRICT.

106	65	551	6,900			3		39,995	9,286		
3	50		300						179		
4,005	94	1,295	123,980	177,450	205,800	211	143	2,892,830	17,403	269,697	124
55	135	1,571	4,400						15,969		
81	187		7,950			3	1	52,489			6
4,250	88	3,417	143,530	177,450	205,800	217	144	2,985,314	42,837	269,697	130

## TWELFTH DISTRICT.

*Hon. James McSherry, Director,  
Department of Mines and Minerals,  
Springfield, Illinois.*

SIR: I have the honor of submitting to you the report of this the Twelfth Inspection District, comprising the coal producing counties of Johnson and Williamson, for the year ended December 31, 1935.

The items shown are summarized in the following general statement which likewise shows the comparative figures for the four previous years:

Respectfully submitted,  
**FRED SCHOONOVER, Inspector.**

	1935	1934	1933	1932	1931
Number of counties producing coal	2	2	2	2	2
Number of shipping mines	20	18	19	18	20
Number of local mines	96	85	85	77	61
Number of employees underground	2,154	2,127	2,557	2,701	4,151
Number of employees on surface	726	583	561	483	692
Total number employed	2,880	2,710	3,118	3,184	4,843
Tons of coal produced in shipping mines	2,760,767	1,899,152	1,892,183	1,807,728	2,090,098
Tons of coal produced in local mines	235,037	191,667	145,452	127,350	77,411
Tons of coal produced, total	2,995,804	2,090,819	2,037,635	1,935,078	2,167,509
Days operated, shipping mines, average	145	143	109	89	94
Days operated, local mines, average	109	137	116	101	112
Number of undercutting machines	63	60	70	71	143
Tons undercut	2,213,113	1,676,385	1,760,346	1,741,361	1,919,796
Tons mined by hand	241,435	281,944	180,608	167,013	213,368
Tons mined in strip mines	541,256	132,490	90,681	26,704	34,345
Number of loading machines used	178	169	266	270	344
Tons loaded mechanically	1,574,572	1,235,986	1,617,509	1,639,010	1,375,852
Number of fatal accidents	9	7	10	7	5
Number of non-fatal accidents	176	147	164	190	146
Number of employees to each fatality	320	387	312	455	969
Number employed to each non-fatal accident	16.4	18.4	19	16.8	33.2
Tons of coal mined to each fatality	332,867	298,688	203,763	276,440	433,502
Tons mined to each non-fatal accident	17,022	14,223	12,425	10,185	14,846
Number of fatalities per 1,000 employed	3.1	2.6	3.2	2.2	1.0
Number injured per 1,000 employed	61.1	54.2	52.6	59.7	30.1

### NEW SHIPPING MINES.

Delta Coal Mining Co., Marion, Williamson County.

Jeffries Coal Co., Herrin, Williamson County.

McLaren Coal Co., Carterville, Williamson County.

### CHANGE OF NAME.

Carbon Fuel Co. to Diamond Coal Co., Herrin, Williamson County.

## IDLE SHIPPING MINES.

Carterville Coal Mining Co., Carterville, Williamson County.

Carterville Peacock Coal Co., No. 2, Harrisburg, Williamson County.

Consolidated Coal Co. L. C., Johnston City, Williamson County.

Consolidated Coal Co. No. 8, Clifford, Williamson County.

Cosgrove Meehan Coal Co. No. 2, Pittsburg, Williamson County.

Cosgrove Meehan Coal Co. No. 3, Pittsburg, Williamson County.

Jacobs Coal Co., Marion, Williamson County.

Madison Coal Corp. No. 12, Carterville, Williamson County.

Old Ben Coal Corp. No. 20, Herrin, Williamson County.

Peabody Coal Co., No. 25, Carterville, Williamson County.

Pendley & Wilkinson Coal Co., Marion, Williamson County.

Skaggs Coal Co., Herrin, Williamson County.

Sunrise Coal Co., Cambria, Williamson County.

## FATAL ACCIDENTS.

Date of injury, December 24, 1934—date of death February 12, 1935, Dominic Francisco, hand loader, aged 50 years, fall of rock in mine No. 1 of Franco Mining Corp., leaving widow.

May 31, Claude Sexton, loading machine operator, aged 26 years, single, killed by fall of top coal in mine of Seymour Coal Co., leaving father and mother dependents.

July 3, George Heddley, miner, aged 66 years, married, struck by falling prop in gob slide in mine No. 18 of Old Ben Coal Corp., leaving widow.

July 27, Columbus Weaver, motorman, aged 48 years, married, dragged by motor in mine No. 1 of Franco Mining Co., leaving widow and three children.

July 29, Clarence Rhoades, shovel oiler, aged 28 years, married, killed in fall from shovel at mine of Delta Coal & Mining Co., leaving widow.

August 8, Barney Davis, motorman, aged 50 years, married, crushed by cars in mine No. 1 of Franco Mining Co., leaving widow and two children.

September 5, Clarence Ollis, motorman, aged 36 years, married, killed by fall of rock in mine No. 18 of Old Ben Coal Corp., leaving widow and one child.

November 2, Theodore Brashear, switchman on clam, aged 21 years, married, crushed between cars at mine No. 18 of Old Ben Coal Corp., leaving widow.

November 16, McKinley Davis, miner, aged 42 years, married, killed by fall of rock in Schillinger & Parton mine, leaving widow and two children.

## FATAL ACCIDENTS, TWELFTH DISTRICT, 1935.

Date of injury.	Date of death.	Name.	Age.	Occupation.	Residence.	Name of operator of mine.	Number or letter of mine.	Married.	Single.	Widow.	Children.	Dependents.	Cause of death.
Dec. 24/34	Feb. 12	Dominic Francisco	50	Hand loader.	Johnston City	Franco Mining Corp.	1	1				1	Fall of rock.
May 31	May 31	Claude Sexton	26	Loading machine operator	Herrin	Seymour Coal Co.			1			2	Fall of top coal.
July 3	July 31	George Heddley	66	Miner	Johnston City	Old Ben Coal Corp.	18	1		1		1	Struck by falling prop.
July 27	July 31	Columbus Weaver	48	Motorman	West Frankfort	Franco Mining Co.	1	1		1	3	4	Struck by motor.
July 28	July 30	Clarence Rhoades	28	Shovel oiler	Marion	Delta Coal & Mining Co.		1		1		1	Fell from shovel.
Aug. 8	Aug. 8	Barney Davis	50	Motorman	Johnston City	Franco Mining Corp.		1		1		2	Crushed by cars.
Sept. 5	Sept. 5	Clarence Ollis	36	Motorman	Johnston City	Old Ben Coal Corp.	18	1		1		1	Fall of rock.
Nov. 2	Nov. 3	Theodore Brashear	21	Switchman on clam.	Johnston City	Old Ben Coal Corp.	18	1		1		1	Crushed by cars.
Nov. 16	Nov. 16	McKinley Davis	42	Miner	Paulton	Schillinger & Parton		1		1		3	Fall of rock.

# NON-FATAL ACCIDENTS, TWELFTH DISTRICT.

Name of operator.	Number injured.	Number not returned.	Days lost by men returned.		Loss of 7 but less than 30 days.		Loss of 30 or more days.			Month in which accident occurred.	
			Total.	Average.	Number injured.	Days lost.		Number injured.	Days lost.		Month.
						Total.	Average.		Total.	Average.	
Blue Hill Coal Co.	4		71	18	4	71	18	18			January
Carterville Mining & Engineering Co.	1	1									February
Consolidated Coal Co., No. 7	21	8	628	48	7	132	19	6	496		83 March
Delta Coal Mining Co.	2	1	36	36				1	36		36 April
Diamond Coal Co.	2		37	19	1	7	7	1	30		30 May
Forsyth Carterville Coal Co.	27	2	28	14	2	28	14	7	460		June
Franco Mining Corp., No. 1	11		745	28	20	285	14	3	125		66 July
Freeman Coal Mining Co.	2		233	26	6	108	18	3	30		42 August
McLaren Coal Co.	57	5	1,872	33	22	413	19	30	1,459		30 September
Old Ben Coal Corp., No. 18	29	7	356	25	14	193	14	8	363		49 October
Seymour Coal Co.	1	1	53	13	4	53	13	7			45 November
Spillertown Mining Co.	5										December
Wallace Coal Co.											
Shipping mines	164	25	4,307	31	82	1,308	16	57	2,999	53	
Local mines	12		310	26	8	123	15	4	187	47	
Total	176	25	4,617	31	90	1,431	16	61	3,186	52	Total
											176

## JOHNSON COUNTY

Number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
LOCAL MINES.							
1	Ezekiel Pritchett . . . . .	New Burnside . . . . .	180				180

## WILLIAMSON COUNTY

SHIPPING MINES.							
1	Blue Hill Coal Co.	Marion	98,407	65,522	23,430		3,012
2	Carbon Fuel Co.	Marion	6,400	3,480	2,720		
3	Carolan, W. P., & Co., Inc.	Marion	9,845	838			8,515
4	Carterville Mining & Engineering Co.	Carbondale	12,384	10,952	1,432		
5	City Lake Coal Co.	Herrin	7,405		7,405		
6	Consolidated Coal Co., No. 7	Marion	574,630	397,507	124,803		27,291
7	Consumers Coal & Materials Co.	Marion	15,717	200			15,502
8	Delta Coal Mining Co.	Marion	359,836	270,633	89,150		53
9	Diamond Coal Co.	Herrin	4,500	4,500			
10	Forsyth Carterville Coal Co.	Carterville	96,033	80,713	15,320		
11	Franco Mining Corp., No. 1	Johnston City	344,334	224,459	88,454		3,841
12	Freeman Coal Mining Co.	Herrin	166,801	110,664	49,065		1,077
13	Jeffries Coal Co.	Herrin	1,284				1,274
14	McLaren Coal Co.	Carterville	39,403	34,247	5,026		130
15	New Watson Coal Co.	Herrin	6,044	6,044			
16	Old Ben Coal Corp., No. 18	Johnston City	510,632	178,245	286,200		6,103
17	Puritan Coal Co.	Marion	4,145	4,145			
18	Seymour Coal Co.	Herrin	396,812	306,362	84,088		1,611
19	Spillertown Mining Co.	Johnston City	14,709	52			14,657
20	Wallace Coal Co.	Marion	91,446	57,160	32,515		
20 shipping mines total			2,760,767	1,755,723	809,608		83,066
LOCAL MINES.							
1	Blue Ribbon Coal Co.	Marion	31,682				30,682
2	Peerless Coal Co.	Cambria	18,568				17,578
3	Tick Ridge Coal Co.	Marion	14,350				11,480
4	Moren Coal Co.	Marion	9,140				8,775
5	Rock Creek Coal Co.	Marion	8,100				8,100
6	Vallie Corder	Marion	7,934				7,934
7	Square Deal Coal Co.	Marion	6,667				6,217
8	Sunrise Coal Co.	Cambria	6,540				6,540
9	Sunny Brook Coal Co.	Marion	6,000				6,000
10	W. T. Sizemore, No. 1	Carterville	5,399				5,399
11	Ogmore Coal Co.	Cambria	5,262				5,262
12	Chas. Hundley Coal Co.	Carterville	5,175				5,175
13	Springhart Bros., No. 2	Marion	5,056				5,056
14	Chas. Burch & Sons	Marion	5,041				5,041
15	Philip Fulkerson	Marion	5,000				5,000
16	Old Hickory Coal Co.	Marion	4,576				4,576
17	Guy Pulley	Marion	4,200				4,200
18	Blue Blaze Coal Co.	Carterville	4,000				3,950
19	Wyatt Coal Co.	Herrin	3,959				3,939
20	Willow Springs Coal Co.	Marion	3,830				3,930
21	New Black Coal Co.	Carterville	3,607				3,597
22	New Black Diamond, No. 3	Carterville	3,500				3,410
23	Moore & Son Coal Co.	Marion	3,500				3,150
24	R. E. Helm	Marion	3,300				2,500
25	Hill Coal Co.	Marion	3,000				2,950
26	Bert Wilson	Marion	3,000				3,000
27	Floyd McDonald	Marion	2,880				2,880
28	Gresham Coal Co.	Marion	2,815				2,815
29	Young Bros.	Carterville	2,331				2,281
30	Walnut Valley Coal Co.	Marion	2,246				2,246
31	Brown & Roberts	Marion	2,225				1,669

## TWELFTH DISTRICT.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
		3	60	12							180			1

## TWELFTH DISTRICT.

5,310	1,133	101	166		19,050		1,700	3	1	98,407			6	1
	200	35	35	168				1	1	2,400	4,000		1	2
	492	13	90		2,000							9,845	3	
		24	170		600							12,384	4	
		40	96	480							7,405		8	5
17,372	7,657	370	166				116,625	12	26	574,630			6	
15		13	317	52		2,000						15,717	7	
		90	184		3,550							359,836	8	
		12	131	231							4,500		1	9
		33	172		10,000							96,033	10	
19,951	7,629	329	186				59,875	11	13	307,889	36,445		11	
170	5,825	276	119				29,025	6	5	166,801			4	12
10		12	19		850						1,284		1	13
		26	53		10,270							39,403	2	14
		28	117	600							6,044		1	15
2,191	37,893	533	128					11	30	510,632			16	
		13	122	200							4,145		17	
	4,751	297	237		150,550			11	4	396,812			20	18
		24	200		1,225			1		14,709			3	19
	1,771	46	197		45,000			1	1	91,446			5	20
45,019	67,351	2,315	145	1,731	243,095	2,000	207,225	57	81	2,163,726	63,823	533,218	52	
1,000		32	220		6,600			1		31,682				1
990		13	145	745							18,568		2	
2,870		13	287	956							14,350		3	
365		12	188	427				1		1,705			4	
		11	267		5,200						8,100		5	
		12	166	661							7,934		6	
450		10	190	220							6,667		7	
		8	200	301							6,540		8	
		10	235	100				1		6,000			9	
		7	221	155							5,399		10	
		12	150	350							5,262		11	
		6	207	207							5,175		12	
		7	200	377							5,056		13	
		8	240		8,600						5,041		14	
		5	270		7,000						5,000		15	
		7	229	100								4,576	16	
		7	200	250							4,200		17	
50		14	150	250							4,000		18	
20		4	180	132							3,959		19	
		10	126	327							3,930		20	
10		8	227	245							3,607		21	
90		18	210	40				1		3,500			22	
350		12	88		1,000			1		3,500			23	
800		4	270	268							3,300		24	
50		5	200	200							3,000		25	
		8	150		2,000			1		3,000			26	
		4	240	225							2,880		27	
		5	204	168							2,815		28	
50		4	160	80							2,331		29	
		11	70		2,800						2,246		30	
556		4	126		1,850						2,225		31	

## WILLIAMSON COUNTY

Number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
32	Jeffries & Templeton.	Herrin	2,009				2,009
33	I. D. Gosnell.	Blairsville	2,005				1,705
34	Boswell Bros.	Marion	2,000				2,000
35	Quality Coal Co.	Marion	2,000				1,895
36	McNeill Coal Co.	Herrin	2,000				2,000
37	Waugh-Blue Blaze.	Herrin	1,895				1,875
38	Dogwood Coal Co.	Herrin	1,580				1,458
39	V. A. Schillinger.	Marion	1,255				1,000
40	Clarence W. Thomas.	Marion	1,159				1,159
41	Prosperity Coal Co.	Marion	1,102				1,102
42	Putney Bros. Coal Co.	Marion	1,051				1,051
43	Thomas Hickey	Marion	1,022				1,022
44	Cedar Hill Coal Co.	Marion	1,000				1,000
45	Kenneth McDonald.	Marion	1,000				1,000
46	Bloodworth, Treece & Horsley	Stonefort	999				999
47	Motsinger & Harris	Pittsburg	973				973
48	Tripp Coal Co.	Carterville	900				900
49	Stroud Coal Co.	Marion	890				890
50	Cooksey Mine	Marion	847				847
51	Wilkinson Coal Co.	Marion	846				846
52	Black Diamond Coal Co.	Marion	800				800
53	Hickory Coal Co.	Marion	800				800
54	Old Bruce Co.	Johnston City	770				660
55	Liberty Coal Co.	Marion	750				500
56	New Black Diamond Coal Co., No. 2.	Carterville	700				700
57	Brayfield Coal Co.	Carbondale	671				641
58	Gabriel Coal Co.	Marion	600				600
59	McCluskie Coal Co., No. 1	Marion	600				600
60	Weisbrodt Coal Co.	Marion	600				600
61	Cambria Coal Co.	Cambria	600				600
62	Hughes Coal Co.	Marion	500				490
63	DeLoach Coal Co.	Marion	500				500
64	John Issler Coal Co.	Marion	500				500
65	Polinski Coal Co.	Marion	500				500
66	A. O. Strobel.	Harrisburg	465				400
67	Southern Jewel Coal Co.	Marion	455				450
68	Walter Kelton Coal Co.	Marion	420				420
69	Nu Way Coal Co.	Johnston City	400				300
70	Meredith & Newton.	Marion	400				400
71	LaMaster Coal Co.	Marion	380				380
72	Singley & Son.	Cambria	304				304
73	Floyd Chaney Coal Co.	Marion	300				300
74	Sims & Angel.	Marion	300				300
75	Rushing & Heiple.	Carterville	300				300
76	Angel & McNeil.	Marion	260				260
77	Chas. J. Bruce.	Marion	260				240
78	Harris Bros.	Marion	250				166
79	Deep Vein Coal Co.	Marion	250				250
80	Nolia Williamson	Carterville	202				202
81	Harris & Hanks Coal Co.	Marion	200				150
82	Darnell & Matthews.	Marion	200				200
83	Two Way Coal Co.	Marion	157				142
84	Buckner Coal Co.	Marion	152				152
85	Whiteside Co-operative Coal Co.	Marion	150				150
86	Chas. Grant.	Marion	140				100
87	W. L. Smith.	Herrin	107				107
88	Tony Sobczyk.	Marion	100				100
89	Hampton Coal Co.	Carterville	80				70
90	Red Bird Coal Co.	Coal Springs	70				70
91	Chas. Patrick.	Carterville	65				65
92	Pickers Coal Co.	Johnston City	63				63
93	Ed Freels Coal Co.	Marion	50				50
94	Lewis West Coal Co.	Marion	16				16
95	Ed Mitchell Coal Co.	Johnston City	4				
95 local mines total.			234,857				225,511
115 all mines total.			2,995,624	1,755,723	809,608		308,577

## TWELFTH DISTRICT—Concluded.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.				
300		8	63	84						2,009			32
		6	84	85						2,005			33
		6	110	200						2,000			34
105		9	125	250						2,000			35
		5	100	80						2,000			36
20		11	45	90						1,895			37
122		9	90	65						1,580			38
255		5	150		1,600					1,255			39
		6	50	28						1,159			40
		5	100	85						1,102			41
100		4	40		25						1,051		42
		6	103	68						1,022			43
		4	52	85						1,000			44
		4	200	125						1,000			45
		8	104	85						999			46
		3	106	79						973			47
		4	150	360						900			48
		2	140	30						890			49
		3	43	50						847			50
		2	98	34							846		51
		4	187	56						800			52
110		5	33		1,000					770			53
250		5	120	45						750			54
		6	40		575					750			55
		6	45	37						700			56
30		4	65	30						671			57
		3	100		1,000					600			58
		2	60	20						600			59
		1	120	24						600			60
		6	30							600			61
10		2	62	4							500		62
		1	120	4							500		63
		4	63	20							500		64
		2	50	25						500			65
65		4	46	24						465			66
5		5	46		950					455			67
		3	42	21						420			68
100		4	80	14						400			69
		5	60		1,250					400			70
		5	45		950					380			71
		4	202	51						304			72
		3	45	30						300			73
		4	30	20						300			74
		6	35	15						300			75
		5	60	10						260			76
20		3	34	12						260			77
84		6	64	25						250			78
		3	35	14						250			79
		3	71	12						202			80
50		6	40	14						200			81
		2	21	16						200			82
15		3	14	5						157			83
		5	41	10						152			84
		4	15	5						150			85
40		3	40	18						140			86
		3	35	16						107			87
		2	20	3						100			88
10		3	60	9						80			89
		3	15	5						70			90
		2	13	2							65		91
		3	20	3						63			92
		2	25	5						50			93
		3	33	1						16			94
4		3	4	2						4			95
9,346		562	109	9,302	42,400			6		49,387	177,432	8,038	
54,365	67,351	2,877	115	11,033	285,495	2,000	207,225	63	81	2,213,113	241,255	541,256	50

## TWELFTH DISTRICT, SHIPPING MINES

County.	Number of mines.	Total tons mined.	Disposition of output in tons.					
			Loaded on cars for shipment.	Sold to railroad companies.	Supplied to locomotives.	Sold to local trade.	Used at the mine.	All coal not sold including waste.
Williamson.....	20	2,760,767	1,755,723	809,608	.....	83,066	45,019	67,351
Total.....	20	2,760,767	1,755,723	809,608	.....	83,066	45,019	67,351

## LOCAL MINES

Johnson.....	1	180	.....	.....	.....	180	.....	.....
Williamson.....	95	234,857	.....	.....	.....	225,511	9,346	.....
Total.....	96	235,037	.....	.....	.....	225,691	9,346	.....

## ALL MINES

Johnson.....	1	180	.....	.....	.....	180	.....	.....
Williamson.....	115	2,995,624	1,755,723	809,608	.....	308,577	54,365	67,351
Total.....	116	2,995,804	1,755,723	809,608	.....	308,757	54,365	67,351

## RECAPITULATION BY COUNTIES.

Total employees.	Days operated.	Explosives used for blasting coal.				Number of mining machines used.	Number of motors in use.	Tons mined by—			Number of animals underground.
		Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissible—pounds.			Machine.	Hand.	Stripping.	
2,315	145	1,731	243,095	2,000	207,225	57	81	2,163,726	63,823	533,218	52
2,315	145	1,731	243,095	2,000	207,225	57	81	2,163,726	63,823	533,218	52

## TWELFTH DISTRICT.

3	60	12							180		
562	109	9,302	42,400			6		49,387	177,432	8,038	
565	109	9,314	42,400			6		49,387	177,612	8,038	

## TWELFTH DISTRICT.

3	60	12							180		
2,877	115	11,033	285,495	2,000	207,225	63	81	2,213,113	241,255	541,256	52
2,880	115	11,045	285,495	2,000	207,225	63	81	2,213,113	241,435	541,256	52



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## SUPPLEMENT.

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Report of Division of Inspection.

Report of Division of Miners' Examination.

Report of Division of Mine Rescue.

Report of Division of Economic Investigation.

Report of Division of Fluorspar.

Report of State Mining Board.

List of candidates issued certificate of competency as State Inspector, Mine Managers, Mine Examiners and Hoisting Engineers.

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## REPORT OF DIVISION OF INSPECTION.

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The report of the services rendered by State Inspectors of Mines is shown as follows:

Days Inspecting Mines.....	1,784
Other Classified Service.....	771
Miscellaneous Service.....	1,062
	<hr/>
Total Days .....	3,617
Average Days for each Inspector.....	301
Average Days Inspecting Mines.....	149
Average Days in Other Classified Service.....	64
Average Days in Miscellaneous Service.....	81
Number of Inspections Made.....	2,211
Average Inspections for each Inspector.....	184

## SUMMARY OF SPECIFIC WORK REPORT FOR 1935.

District.	Inspecting mines.				Other classified duties—days worked.										Miscellaneous services.		Total days.
	Shipping.		Local.		Total.		Per cent of time inspecting mines.	Investigating accidents.	Testing scales.	Investigating complaints.	Office work.	Traveling.	Total days in other classified service.	Per cent of time in other classified service.	Days worked.	Per cent of time.	
	Number inspected.	Days worked.	Number inspected.	Days worked.	Number inspected.	Days worked.											
First.	21	29	265	131	286	160	53.3	9	.....	28	52	3	92	30.7	48	16.0	300
Second	13	18	203	132	216	150	49.2	2	.....	52	24	.....	78	25.6	77	25.2	305
Third	28	29	318	91	346	120	39.2	5	1	.....	51	3	70	22.9	116	37.9	306
Fourth	27	48	57	44	84	92	30.2	10	5	84	38	1	138	45.2	75	24.6	305
Fifth	14	27	258	200	272	227	73.9	11	1	.....	11	3	26	8.5	54	17.6	307
Sixth	39	81	123	45	162	126	45.0	17	.....	5	17	6	45	16.1	109	38.9	280
Seventh	29	51	60	64	89	115	38.6	27	2	.....	27	3	60	20.1	123	41.3	298
Eighth	39	44	53	46	92	90	29.0	21	8	24	33	9	95	30.6	125	40.4	310
Ninth	82	93	108	53	190	146	50.5	10	7	38	7	7	52	18.0	91	33.5	289
Tenth	41	143	16	57	159	159	53.2	22	.....	6	11	4	43	14.4	97	32.4	299
Eleventh	33	72	141	134	174	206	66.2	3	1	.....	15	15	34	10.9	71	22.9	311
Twelfth	54	64	189	129	243	193	62.9	5	.....	2	18	13	38	12.4	76	24.7	307
Total	420	699	1,791	1,085	2,211	1,784	49.3	142	25	219	318	67	771	21.3	1,062	29.4	3,617

DATE AND PLACE OF MEETING, NUMBER OF APPLICANTS, NUMBER OF  
CERTIFICATES ISSUED AND AMOUNT OF FEES COLLECTED.

Date	Place of meeting.	Number of successful applicants.	Number of certificates issued.	Fees collected.
Jan.	2 Staunton .....	3	3	\$ 6.00
	3 West Frankfort .....	32	32	64.00
	4 Harrisburg .....	15	15	30.00
	5 Belleville .....	15	15	30.00
	8 Peoria .....	20	20	40.00
	9 Galesburg .....	15	15	30.00
	10 Kewanee .....	11	11	22.00
	11 LaSalle .....	6	6	12.00
	15 Springfield .....	6	6	12.00
	16 Centralia .....	7	7	14.00
	17 Mt. Carmel .....	27	27	54.00
	18 Decatur .....	3	3	6.00
Feb.	5 Peoria .....	30	30	60.00
	6 South Wilmington .....	14	14	28.00
	7 Danville .....	18	18	36.00
	8 Decatur .....	5	5	10.00
	12 Rushville .....	34	34	68.00
	13 Macomb .....	13	13	26.00
	14 Taylorville .....	5	5	10.00
	15 Springfield .....	5	5	10.00
	19 Gillespie .....	10	10	20.00
	20 West Frankfort .....	69	69	138.00
	21 DuQuoin .....	37	37	74.00
	22 Belleville .....	14	14	28.00
Mar.	5 Peoria .....	6	6	12.00
	6 Canton .....	12	12	24.00
	7 Galesburg .....	4	4	8.00
	8 LaSalle .....	14	14	28.00
	12 Staunton .....	2	2	4.00
	13 West Frankfort .....	8	8	16.00
	14 Harrisburg .....	5	5	10.00
	15 Belleville .....	12	12	24.00
	19 Springfield .....	6	6	12.00
	20 Taylorville .....	1	1	2.00
	21 Shelbyville .....	1	1	2.00
	22 Danville .....	16	16	32.00
April	3 Peoria .....	2	2	4.00
	4 Kewanee .....	4	4	8.00
	5 Rock Island .....	1	1	2.00
	6 LaSalle .....	2	2	4.00
	9 Taylorville .....	4	4	8.00
	10 Danville .....	8	8	16.00
	11 Decatur .....	5	5	10.00
	12 Springfield .....	3	3	6.00
	17 Gillespie .....	2	2	4.00
	18 West Frankfort .....	7	7	14.00
	19 Sparta .....	11	11	22.00
	20 Belleville .....	6	6	12.00
May	7 Peoria .....	1	1	2.00
	8 Canton .....	3	3	6.00
	9 Galesburg .....	2	2	4.00
	10 LaSalle .....	5	5	10.00
	14 Staunton .....	1	1	2.00
	15 West Frankfort .....	2	2	4.00
	16 Herrin .....	4	4	8.00
	17 Belleville .....	3	3	6.00
	21 Springfield .....	4	4	8.00
	22 Pana .....	2	2	4.00
	23 Paris .....	2	2	4.00
	24 Danville .....	3	3	6.00
June	3 Peoria .....	2	2	4.00
	4 Galesburg .....	1	1	2.00
	5 Canton .....	2	2	4.00
	6 Macomb .....	1	1	2.00
	7 Rushville .....	2	2	4.00
	8 Springfield .....	4	4	8.00
	10 Gillespie .....	2	2	4.00
	11 West Frankfort .....	1	1	2.00
	12 Harrisburg .....	1	1	2.00
	13 Mt. Carmel .....	1	1	2.00
	14 Centralia .....	3	3	6.00
	15 Belleville .....	3	3	6.00
July	9 Peoria .....	1	1	2.00

DATE AND PLACE OF MEETING, NUMBER OF APPLICANTS, NUMBER OF CERTIFICATES ISSUED AND AMOUNT OF FEES COLLECTED—Concluded.

Date.	Place of meeting.	Number of successful applicants.	Number of certificates issued.	Fees collected.
July	10 Canton	1	1	\$ 2.00
	11 Kewanee	1	1	2.00
	12 LaSalle	1	1	2.00
	16 Springfield	2	2	4.00
	17 Taylorville	1	1	2.00
	18 Danville	7	7	14.00
	19 Decatur	3	3	6.00
	23 Staunton	1	1	2.00
	24 West Frankfort	3	3	6.00
	25 DuQuoin	18	18	36.00
	26 Belleville	1	1	2.00
Aug.	6 Peoria	2	2	4.00
	7 Galesburg	1	1	2.00
	8 Rock Island	3	3	6.00
	9 LaSalle	5	5	10.00
	13 Gillespie	1	1	2.00
	14 West Frankfort	3	3	6.00
	15 Harrisburg	14	14	28.00
	16 Belleville	7	7	14.00
	27 Springfield	2	2	4.00
	28 Taylorville	4	4	8.00
	29 Shelbyville	1	1	2.00
	30 Danville	10	10	20.00
Sept.	3 Peoria	3	3	6.00
	4 Canton	3	3	6.00
	5 Kewanee	12	12	24.00
	6 LaSalle	3	3	6.00
	10 Staunton	3	3	6.00
	11 West Frankfort	4	4	8.00
	12 Herrin	20	20	40.00
	13 Belleville	15	15	30.00
	17 Springfield	13	13	26.00
	18 Taylorville	5	5	10.00
	19 Danville	19	19	38.00
	20 Decatur	2	2	4.00
Oct.	8 Peoria	26	26	52.00
	9 Macomb	15	15	30.00
	10 Rushville	20	20	40.00
	11 Springfield	21	21	42.00
	15 Gillespie	7	7	14.00
	16 West Frankfort	56	56	112.00
	17 Centralia	10	10	20.00
	18 Belleville	14	14	28.00
	22 Taylorville	3	3	6.00
	23 Pana	5	5	10.00
	24 Paris	6	6	12.00
	25 Danville	13	13	26.00
Nov.	5 Staunton	3	3	6.00
	6 West Frankfort	18	18	36.00
	7 Harrisburg	31	31	62.00
	8 Belleville	22	22	44.00
	12 Peoria	26	26	52.00
	13 Canton	43	43	86.00
	14 Rock Island	26	26	52.00
	15 LaSalle	15	15	30.00
	19 Springfield	13	13	26.00
	20 Taylorville	7	7	14.00
	21 Shelbyville	3	3	6.00
	22 Danville	9	9	18.00
Dec.	3 LaSalle	2	2	4.00
	4 Kewanee	2	2	4.00
	5 Galesburg	19	19	38.00
	6 Peoria	4	4	8.00
	10 Gillespie	7	7	14.00
	11 West Frankfort	19	19	38.00
	12 DuQuoin	27	27	54.00
	13 Belleville	17	17	34.00
	17 Roodhouse	18	18	36.00
	18 Springfield	13	13	26.00
	19 Danville	9	9	18.00
	20 Decatur	14	14	28.00
Total		1,369	1,369	\$2,738.00

## SUMMARY.

Place of meeting.	Number of—			Amount of fees collected.
	Meetings held.	Successful Candidates.	Certificates Issued.	
Belleville.....	12	129	129	\$ 258.00
Canton.....	6	64	64	128.00
Centralia.....	3	20	20	40.00
Danville.....	10	112	112	224.00
Decatur.....	6	32	32	64.00
DuQuoin.....	3	82	82	164.00
Galesburg.....	6	42	42	84.00
Gillespie.....	6	29	29	58.00
Harrisburg.....	5	66	66	132.00
Herrin.....	2	24	24	48.00
Kewanee.....	5	30	30	60.00
LaSalle.....	9	53	53	106.00
Macomb.....	3	29	29	58.00
Mt. Carmel.....	2	28	28	56.00
Pana.....	2	7	7	14.00
Paris.....	2	8	8	16.00
Peoria.....	12	123	123	246.00
Rock Island.....	3	30	30	60.00
Roodhouse.....	1	18	18	36.00
Rushville.....	3	56	56	112.00
Shelbyville.....	3	5	5	10.00
South Wilmington.....	1	14	14	28.00
Sparta.....	1	11	11	22.00
Springfield.....	12	92	92	184.00
Staunton.....	6	13	13	26.00
Taylorville.....	8	30	30	60.00
West Frankfort.....	12	222	222	444.00
Total.....	144	1,369	1,369	\$2,738.00

## DIVISION OF MINE RESCUE STATIONS.

### FIRST AID AND MINE RESCUE TRAINING.

Below is a tabulation of the candidates trained in first aid and mine rescue at Illinois Mine Rescue Stations :

	First aid.	Mine rescue.	Station totals.
Belleville.....	926	20	946
Benton.....	1,688	39	1,727
DuQuoin.....	269	14	283
Eldorado.....	1,625	18	1,643
Herrin.....	186	5	191
Johnston City.....	672	15	687
LaSalle.....	638	18	656
Springfield.....	1,264	90	1,354
Total.....	7,268	219	7,487

### ONE HUNDRED PERCENT FIRST AID TRAINING.

During the year 1935 One Hundred Percent First Aid Training campaigns either begun or completed at our Illinois Mine Rescue Stations included the following:

Chicago, Wilmington & Franklin Coal Company, Mine No. 1, Orient.

Chicago, Wilmington & Franklin Coal Company, Mine No. 2, West Frankfort.

City of Benton Fire Department.

Peabody Coal Company, Mine No. 14, DuQuoin.

Peabody Coal Company, Mine No. 15, DuQuoin.

Peabody Coal Company, Mine No. 19, West Frankfort.

Peabody Coal Company, Mine No. 47, Harco.

Wasson Coal Company, Mine No. 1, Harrisburg.

Wasson Coal Company, Mine "A", Harrisburg.

First Year Students of Carlinville Community High School.

Employees of Department of Public Works and Buildings, State of Illinois.

The Department has been fortunate in having the cooperation of the United States Bureau of Mines Safety Station at Vincennes, Indiana, and takes this opportunity to express to Mr. Charles A. Herbert, Supervising Engineer of the Vincennes Station and his able corps of assistants its appreciation for the cooperation accorded the Mine Rescue Station Superintendents.

During 1935, Mine Rescue Station Superintendents and Mine

Rescue Station Teams responded to the following calls for assistance:

#### BENTON STATION.

July 6th—Superintendent with Mine Rescue Team answered a call to Old Ben Mine No. 8, West Frankfort, Illinois, to open seals and explore fire area.

July 17—Call from Lake Moses, three miles northeast of Benton, Illinois, for station inhalator, which was used in an effort to revive Ladine Bryant, aged 18, drowned. Efforts to revive were unsuccessful, as body of the boy was not recovered until one hour and fifteen minutes following his having disappeared in the lake.

September 16—Seventeen months old daughter of Ray Wilkerson was brought to the station by her father, and station superintendent attempted to revive the child who had been drowned in six inches of water in a jar of eight gallons capacity on the Wilkerson farm some five miles from Benton. Efforts to revive the child were unsuccessful as considerable time had elapsed from the time she was recovered from the water until the time she was brought to the station.

October 9—Superintendent responded to a call from New Orient Mine for the inhalator and assisted under C. H. Williams and officials of the Chicago, Wilmington & Franklin Coal Company, in an effort to revive William Rice, who was unconscious as a result of having come in contact with a trolley wire while climbing from a man trip. Efforts to revive were of no avail.

#### BELLEVILLE STATION.

No calls received.

#### DUQUOIN STATION.

June 2—Station Superintendent and his Team Captain answered a call from yardmaster Goddard, of the Illinois Central Railroad, to rescue and revive a young boy who had entered an empty railroad tank in the yard and had been overcome by fumes from the tank. Considerable difficulty was experienced in the rescuing of the body from the interior of the tank, but after this had been done artificial respiration was administered with the use of the inhalator. The boy, whose name was Clyde McGinnis, could not be revived and everything indicated he was killed instantly as a result of breathing noxious fumes in the empty tank.

#### ELDORADO STATION.

October 22—Station Superintendent answered a call from Peabody Mine No. 47, at Harco, for the inhalator and administered artificial respiration with the use of the inhalator to attempt to revive an employe of the Peabody Company who was electrocuted

through coming in contact with a trolley wire. About an hour and a half had elapsed between the time the unfortunate man was electrocuted until the Superintendent could arrive at the mine with the inhalator and begin efforts to revive him. However, the inhalator was used in connection with artificial respiration for about an hour, but to no avail. The doctor in attendance declared the patient dead.

#### HERRIN STATION.

November 3—Superintendent and Team Members answered a call from the Consumers Coal Company and rescued one Bennie Johnson from old workings of Peabody No. 3 mine to which he had wandered through a hole cut into these old workings by the Consumers Company.

#### JOHNSTON CITY.

May 16—Superintendent received a call at 2 P. M., and with one of his team members proceeded to Goreville with the inhalator and attempted to revive Billie Roe Stanley, who had been drowned by falling in a well. Artificial respiration with the inhalator was begun on this boy at 2:25 P. M. and kept up for about two and one-half hours, but without any success in reviving him.

July 6—Superintendent and Team Members assisted the Benton Mine Rescue Team in opening up fire seals at Old Ben Coal Corporation, Mine No. 8, West Frankfort.

#### LA SALLE STATION.

March 8—Superintendent answered a call to St. Mary's Hospital, LaSalle, Illinois, administered oxygen from inhalator and gave artificial respiration to Mrs. C. D. Charlton. Patient could not be revived. Physician ascribed as cause of her death, brain tumor pressing on respiratory nerve. Apparently there was no chance in this case to bring the patient back.

March 16—Superintendent answered call and administered oxygen and artificial respiration to one Henry Uranich, aged ten, address 2147 St. Vincents Avenue, LaSalle, dying of pneumonia. Oxygen and artificial respiration were administered from 9 A. M. until 3 P. M., at which time patient was declared dead.

July 27—Superintendent answered call from Magnolia, Illinois, and administered oxygen from inhalator and artificial respiration to one Edward F. Jones, a child who was drowned in a fish pond on a farm near Magnolia. After one hour of effort to revive the child, the doctor pronounced him dead.

September 13—Superintendent received a call from the Midland Electric Coal Corporation at Atkinson, Illinois, and administered oxygen from inhalator and artificial respiration for two hours to one Joseph O'Berle, who was electrocuted at the mine. Patient could not be revived.

October 2—Superintendent answered call to Seventh and Joliet Streets, LaSalle, Illinois, and for two hours administered oxygen from inhalator and artificial respiration to Mrs. Ella Schulte, who had been overcome by illuminating gas. Doctor pronounced patient dead.

#### SPRINGFIELD STATION.

January 20—Superintendent answered call and proceeded with inhalator and apparatus to Allis Chalmers Manufacturing Company, Springfield, to rescue and revive a man who had gone down in a tank. Springfield fire department had already responded to a similar call and had rescued and revived the patient.

## REPORT OF THE DIVISION OF ECONOMIC INVESTIGATION.

The following tables will show the activities of the various industries under this division :

TABLE 1—LIMESTONE.

No.	Name of operator.	Location of plant.		Production in tons.	Number men employed.	Days worked.	Explosives used.		Accidents.	
		Post office.	County.				Powder—kegs.	Dynamite—pounds.	Fatal.	Non-fatal.
1	Alpha Portland Cement Co.	LaSalle.	LaSalle	172,439	168	136		35,825		
2	Anna Quarries	Anna.	Union	77,856	32	75		18,450		4
3	Bean & Masters	Shelberville.	Hardin	6,163	25			814		
4	Big Creek Crushed Rock Co.	Marshall.	Clark	5,871	15	89		3,000		1
5	Black White Lime Co.	Quincy	Adams	11,506	24	219		8,500		4
6	Black Quarry	Pontiac	Livingston	11,000	8	110				
7	Boland Quarry	Byron	Ogle	4,700						
8	Byron Lime & Stone Co.	Byron	Clark	11,857	22	86		45,000		
9	Charles Stone Co.	Cypress	Johnson	41,600	90	140		15,275		14
10	City of Chicago House of Correction	Chicago.	Cook	14,333	184	265				
11	Columbia Quarry Co.	Krause	St. Clair	256,884	140	268		79,150		
12	Columbia Quarry Co.	Valmeyer	Monroe	77,443	41	260		33,600		1
13	Consumers Co.	Bellwood	Cook	141,300	51	102		28,750		4
14	Consumers Co.	Hillside	Cook	141,300	50	102		22,350		3
15	Consumers Co.	McCook	Cook	824,385	120	206	2,958	248,280		32
16	Dolese & Shepard Co.	McCook	Cook	194,728	63	62		45,000		6
17	East St. Louis Stone Co.	Dupo	St. Clair	185,000	40	215		3,000		
18	Eldred Crushed Stone Co.	Eldred	Greene	13,409	15	235		38,550		
19	Emhurst-Chicago Stone Co.	Emhurst	DuPage	191,751	33	134				
20	Embsier & Pickett.	Salem	Martin	3,000	41	36				
21	Federal Project-Camp SCS-1	Dixon Springs	Pope	146	34	63		638		7
22	Chas. E. Gierz & Son.	Elgin	Kane	2,279						
23	Henry Gray	Hamilton	Hancock	4,460	5	170		2,000		1
24	Great Lakes Dredge & Dock Co.	Lemont	Cook	118,285	239	121	304	3,775	1	3
25	Heyl Quarry	Red Bud	Monroe	3,000	7	110		500		
26	Roland Hoffman.	Madonnville	Monroe	486	12	20		200		
27	Chas. Hummston	Grafton	Jersey	1,700	6	30				1
28	Illinois Limestone Co.	West Union	Clark	1,360	11	30		200		1
29	Illinois State Penitentiary	Menard	Randolph	65,212	620	238		12,000		1
30	Illinois State Prison	Joliet	Will	225	225	140		e23,650		18
31	Jersey Quarry Co.	Jerseyville	Jersey	3,000	10	102		7,100		10
32	Keller Quarry Co., Inc.	Grafton	Jersey	40,000	60	150	24			

33	Moritz Krueger	Burkville	Monroe	100	4	2	25	
34	Lang & Nemever	Charleston	Coles	2,800	10			
35	Lehigh Portland Cement Co	Oglebay	LaSalle	126,511	260	103	41,050	1
36	Lehigh Stone Co	Lehigh	Kankakee	197,974	44	109	49,493	8
37	Lincoln Crushed Stone Co	Joliet	Will	160,000	20	105	62,050	
38	McDonough County Highway Dept	Colchester	McDonough	20,000	86	150	8,000	6
39	Marquette Cement Mfrs. Co	Oglebay	LaSalle	520,356	512	220	220,555	1
40	Mississippi Lime & Material Co	Alton	Madison	254,000	30	250	40,000	2
41	Monmouth Stone Co	Monmouth	Warren	5,400	11	75		
42	Morris Limestone Products Co	Morris	Kendall	5,500	5	54	2,200	2
43	National Stone Co	Joliet	Will	138,371	34	102	50,850	12
44	Nim Newnmer	German Valley	Stephenson	1,753				
45	N. H. Minden Limestone Co	New Minden	Washington	1,250	5	110	50	
46	N. H. Palmor	Gladstone	Henderson	5,200	8	140	2,000	
47	Perry County State Aid	DuQuoin	Perry	5,000	75	40		
48	Pontiac Stone Co	Pontiac	Livingston	52,165	10	226	12,185	
49	R. F. Reber	Byron	Adams	1,150	6	37	350	
50	Reber	Byron	Ogle	1,875	8	40	1,000	
51	Reliance Whiting Co	Alton	Madison	10,188	15	206	1,000	1
52	Riverside Lime & Stone Co	Lyons	Cook	140,000	222	200	2,900	10
53	Rockford Township	Rockford	Winnabago	7,500	12	150	46,450	
54	Rocky Ford Limestone Co	Lincoln	Logan	2,820	5	120	325	
55	St. Clair County Work House	Belleville	St. Clair	2,350		200		
56	Spring Grove Township	Alexia	Cook	5,000	20	60	400	
57	Stearns Lime & Stone Co	Chicago	St. Clair	42,822	41	300	2,000	
58	Casper Stoll's Quarry & Cont. Co	Stolle	Warren	63,561	30	130	7,400	
59	Al Storz	Waterloo	Monroe	2,500	8	64	72,045	
60	Sunset Stone Quarry	Trivoli	Peoria	1,000	26	15	25	
61	Tebbe's Quarry	St. Rose	Clinton	1,500	11	35	350	
62	United States Gypsum Co	Cordova	Rock Island	25,635	7	290	9,970	
63	Antone Van Hatter	St. Rose	Clinton	411	80	93	750	
64	Wachel & Armstutz	Hecker	St. Clair	3,060	6	98	400	
65	H. D. Wimerstein	Booby Dell	Jackson	410	9	142	100	
66	Otto L. Wolf	Waterloo	Monroe	6,837			800	
Total				4,453,862	3,822	132	1,286,400	195

\* 2,958 cartridges loxite.  
c—23,650 sticks 40% dynamite

TABLE 2—OIL AND GAS.

No.	Name of operator.	Post office address of the operator.	County in which the well is located.	Number of wells.	Production.		Number employed.	Explosives— nitroglycerine— quarts.	Accidents— non-fatal.
					Oil— barrels.	Gas— per 1,000 cubic feet.			
1	Adams Corners Oil Co.	Allendale, Ill.	Wabash.	16	14,337	25	3		
2	American Oil Development Co.	1601 Oliver Bldg., Pittsburgh, Pa.	Crawford.	99	14,100		3		
3	Arkansas Fuel Oil Co.	Slattery Bldg., Shreveport, La.	Crawford.	88	14,264	9,788	6		
4	Estate of H. D. Barker, et al.	507 E. Main St., Robinson, Ill.	Crawford.	19	2,000		3		
5	Beil Bros., et al.	Robinson, Ill.	Crawford.	55	9,262		3		
6	Beil Bros., et al.	Robinson, Ill.	Cumberland.	39	3,457		1		
7	Beil Bros., et al.	Robinson, Ill.	Wabash.	1	743		1		
8	Bond County Gas Co.	Greenville, Ill.	Bond.	7		13,420	2		
9	Bradford Oil Corp.	Robinson, Ill.	Crawford.	12	3,583		1		
10	Breen Oil Co.	Melvin, Ill.	Wabash.	3	15,842		2		
11	Brenneman & MacDonnell	312 S. Cole St., Lima, Ohio.	Crawford.	98	17,445		10		
12	Coon Creek Oil Co.	Allendale, Ill.	Wabash.	3	17,398		1		
13	Craig & Lowrie	808 Columbia Bldg., Pittsburgh, Pa.	Crawford.	84	2,685		8		1
14	Craig & Lowrie	808 Columbia Bldg., Pittsburgh, Pa.	Lawrence.	1	2,685		1		
15	Craig & Lowrie	808 Columbia Bldg., Pittsburgh, Pa.	Wabash.	1	248		1		
16	Davis, D. C.	Marietta, Ohio.	Clark.	64	1,182		3		
17	Dismoor Oil Co.	St. Marys, W. Va.	Clark.	72	11,847		3		
18	Dismoor Oil Co.	St. Marys, W. Va.	Crawford.	187	28,420		18		
19	Dismoor Oil Co.	St. Marys, W. Va.	Lawrence.	26	2,515		3		
20	Dismoor Oil Co.	St. Marys, W. Va.	Cumberland.	9	1,139		1		
21	Dorsey, M. L.	402 S. Franklin St., Robinson, Ill.	Crawford.	11	1,160		1		3
22	Gee Oil Co.	312 Wright Bldg., Tulsa, Okla.	Lawrence.	16	6,084		4		
	Gee Lease			11	1,134		4		
23	Carvey, Harry, Jr.	St. Francisville, Ill.	Lawrence.	3	1,609		1		
24	Hanna Oil Production Co.	Lawrenceville, Ill.	Lawrence.	58	30,636		6		
25	Hopewell Oil Co.	Allendale, Ill.	Wabash.	5	4,338		1		
26	Kewanee Oil & Gas Co., The	Box 499, Titusville, Pa.	Clark.	44	5,931		2		
27	Kewanee Oil & Gas Co., The	Box 499, Titusville, Pa.	Crawford.	222	48,406		20		
	Kewanee Oil & Gas Co., The	Box 499, Titusville, Pa.	Lawrence.	39	13,519		4		
28	Kraft & Co., H. C.	Oblong, Ill.	Cumberland.	5	590		1		
29	Leighty Oil Co.	312 Wright Bldg., Tulsa, Okla.	Lawrence.	10	9,442		3		
30	Liberty Oil & Gas Co.	343 Pennsylvania Ave., W. Warren, Pa.	Crawford.	32	5,497		2		
31	M. M. & T. Co.	619 E. Second St., Centralia, Ill.	Marion.	16	5,234		2		
32	Mary L. Mason, et al.	150 Lake St., Elmira, N. Y.	Lawrence.	17	13,439		2		



TABLE 2—Concluded.

No.	Name of operator.	Post office address of the operator.	County in which the well is located.	Number of wells.	Production.		Number employed.	Explosives—nitroglycerine—quarts.	Accidents—non-fatal.
					Oil—barrels.	Gas—per 1,000 cubic feet.			
79	Wood Oil Co.	424 Market St., Mt. Carmel, Ill.	Wabash.	1	3		1		
80	Young, J. S., Jr., Attorney	Gee Bldg., Lawrenceville, Ill.	Wabash.						
81	Allendale Oil Co.	Gee Bldg., Lawrenceville, Ill.	Wabash.	29	21,954		4		
82	Collison & Stillwell	Gee Bldg., Lawrenceville, Ill.	Wabash.	2	2,607		1		
83	Courier Lease	Gee Bldg., Lawrenceville, Ill.	Wabash.	3	2,659		1		
84	Chisel Forty Acres	Gee Bldg., Lawrenceville, Ill.	Wabash.	2	1,405		1		
85	Higgins Lease	Gee Bldg., Lawrenceville, Ill.	Wabash.	1	261				
86	Clark & Armstrong	Gee Bldg., Lawrenceville, Ill.	Wabash.	2	2,643				
87	Clara Adams	Gee Bldg., Lawrenceville, Ill.	Wabash.	1	115				
88	Keyser Lease	Gee Bldg., Lawrenceville, Ill.	Wabash.	2	73				
	Totals			11,799	3,544,660	860,285	1,083	235	46

TABLE 3.—SAND AND GRAVEL.

No.	Name of operator.	Location of plant.		Production in tons.	Number employed.	Days worked.	Explosives used.		Accidents.	
		Post. office.	County.				Powder—kegs.	Dynamite—pounds.	Fatal.	Non-fatal.
1	Abbott Brothers	Shoridan.	LaSalle.	10, 979		250				
2	Allendale Gravel Co.	Allendale	Wabash.	6, 000	3					
3	Anderson Sand & Gravel Co.	Rockford	Winnebago	39, 885	6	180				
4	Anderson-Theobald Co.	Vincennes, Ind.	Lawrence.	69, 527	10	150				
5	Atwood-Davis Sand Co.	South Beloit.	Winnebago	103, 075	14	42				1
6	Aurora Gravel Co.	Aurora	Kane	2, 153	1	120				
7	Beau & Masters	Galeonda	Pope	3, 085	4					
8	Bloomingdale Township	Bloomingdale	DuPage.	1, 875	7	160				
9	Buckhart Sand & Gravel Co.	Mechanicsburg.	Sangamon	12, 885	4	200		100		
10	Byron Sand & Gravel Co.	Byron.	Ogle	500	1	200		1, 000		
11	Chillicothe Gravel Co.	East Peoria.	Peoria	96	3	131				
12	Chinn Brothers	LaSalle	LaSalle.	242						
13	Clear Lake Sand & Gravel Co.	Springfield.	Sangamon	11, 213	3	48				
14	H. D. Conkey & Co.	North Aurora	Kane	126, 304	15					
15	H. D. Conkey & Co.	Oregon	Ogle	17, 212	8	42				
16	Consumers Co.	Crystal Lake	McHenry	220, 328	35	74				
17	Consumers Co.	So. Beloit	Winnebago	129, 265	36	36				
18	Consumers Co.	Libertyville	Lake	119, 158	15	105				
19	Crawford Sand & Gravel Co.	Oblong	Crawford	8, 700	5	50				
20	Churchill Gravel Co.	Pontiac	Livingston	33, 395	6	90				
21	S. S. Davis	Rock Island	Rock Island	2, 373	3	37				
22	Dees Brothers	Oblong	Lawrence.	7, 720	4	21				
23	Dipper Brothers	Decatur	Macou.	3, 653	3	160				
24	East Peoria Sand & Gravel Co.	Tazewell	East Peoria	30, 598	5	300				
25	Eastwood Sand & Gravel Works	Grayville	White	80, 000	12	240				
26	Embraw Sand & Gravel Co.	Lawrenceville	Lawrence	9, 000	2	250				
27	E. C. Gaines	Elizabethtown	Hardin	300	1	30				
28	Galesburg Sand & Gravel Co.	Buda	Bureau	4, 295	1	20				
29	H. H. Halliday Sand Co.	Cairo	Alexander	33, 757	20					
30	H. P. B. Sand & Gravel Co.	Rockford	Winnebago	11, 772	4	230				
31	Illinois State Farm	Vandalia	Fayette	1, 430	60	200				
32	H. O. Johnson	Buda	Bureau	1, 150						
33	John B. Johnson	Carthage	Kane	80		80				
34	Warren Keahn	Dundee	Peoria	3, 000	1					
35	Kugstun Lake Gravel Co.	Mapleton	Peoria	92, 000	21	156				

TABLE 3—Concluded.

No.	Name of operator.	Location of plant.		Production in tons.	Number employed.	Days worked.	Explosives used.		Accidents.	
		Post office.	County.				Powder—kegs.	Dynamite—pounds.	Fatal.	Non-fatal.
36	J. P. Larsen.	Wyanett	Bureau	8,500	10	130				1
37	Lincoln Sand & Gravel Co.	Lincoln	Logan	110,000	29	156				
38	Charles D. Lutz.	Mulberry Grove.	Logan	9,960	6	130		50		
39	Manley Sand Co.	Rockton	Winnebago	1,500	129	129				
40	McGrath Sand & Gravel Co.	Banner	Kulon	55,000	6	100				6
41	McGrath Sand & Gravel Co.	Pekin	Tazewell	275,000	15	300				7
42	McGrath Sand & Gravel Co.	Chillicothe	Peoria	525,000	20	300				4
43	McGrath Sand & Gravel Co.	Maclean	Tazewell	36,000	6	200		500		
44	McGrath Sand & Gravel Co.	Forreston	Ogle	125,000	8	200				1
45	McKinney Brothers	Vandalia	Payette	390	4	18				
46	W. F. McLain.	Greenville	Bond	3,000	3	15				
47	Metropolis Sand & Gravel Co.	Metropolis	Massac	39,798	6					
48	Mississippi Lime & Material Co.	Alton	Madison	129,500	10	225				
49	Mt. Carmel Sand & Gravel Co.	Mt. Carmel	Wabash	19,816	10	67				
50	Mrs. J. F. Nelson	Morris	Grundy	672						
51	Gust Nielson Sand Co., Inc.	Greenville	Bond	3,000	3	120				
52	Novaculite Paving Company	Tamms	Alexander	12,591	24	41		175		
53	Ogle County	Oregon	Ogle	20,000	8	30		5,000		
54	Henry Olson	Zion	Lake	23,985	20	175		8,000		3
55	Ozark Minerals Co.	Shelbyville	Alexander	6,000	20	50				
56	F. W. A.	Peoria	Shelby	18,975	12	63				
57	Peoria Concrete Construction Co.	Peoria	Tazewell	12,000	7	140				1
58	Frank Piska	Woodstock	McHenry	682	2					
59	J. A. Platt	Quincy	Adams	80	1	50				
60	Purity Moulding Sand Co.	Dallas City	Henderson	10,821	5	105				1
61	Quincy Sand Co.	Quincy	Adams	14,063	3	200				
62	Harry Riley	Shelbyville	Shelby	15,800	30	20			1	3
63	Rock Island Sand & Gravel Co.	Rock Island	Rock Island	25,000	6	200				
64	Rockford Township	Rockford	Winnebago	7,800	3	200				
65	Jas. Segart	LaSalle	LaSalle	3,804						
66	Shelbyville Loan & Trust Co. (Trustee)	Shelbyville	Shelby	7,881						
67	Shelbyville Loan & Trust Co. (Trustee)	Shelbyville	Shelby	17,700						
68	South Ottawa Shiea Co.	Shelbyville	Shelby	30,000	5	160		2,500		1
69	Speer Gravel Co.	Marshall	LaSalle	8,751	4	200				
70	Springfield-Pekin Sand & Gravel Co.	Pekin	Tazewell	103,761	15	241				
71	Stocker Gravel & Construction Co.	Higland	Madison	15,395	2	200				2

72 John W. Suchy	Barrington	McHenry	19,778	4	255		
73 W. P. A	Shelbyville	Shelby	40,500	400	24	700	
74 Warren Sand Co	Mulberry Grove	Bond	300				
75 Western Indiana Gravel Co	Metropolis	Massac	6,960	8	45		
76 Western Sand & Gravel Co.	Spring Valley	Bureau	146,659	18	130		
77 Beder Wood's Sons	Cordova	Rock Island	3,000	10	30		
78 Yourtee-Roberts Sand Co	Chester	Randolph	70,000	6			
Total			3,184,431	1,040	(a)	18,125	44

(a) Average.

TABLE 4—SHALE AND CLAY.

No.	Name of operator.	Location of plant.		Production in tons.	Number employed.	Days worked.	Explosives used.		Accidents.	
		Post office.	County.				Powder—kegs.	Dynamite—pounds.	Fatal.	Non-fatal.
1	Albion Brick Co., Plant No. 1	Albion	Edwards	19,637	57	250		6,000		
2	Albion Brick Co., Plant No. 2	Albion	Edwards	9,730	45	200		4,500		
3	Alton Brick Co.	Alton	Madison	20,608	72	277	130	150		
4	Baird Bros.	Colchester	McDonough	6,405	6	150		6,000		
5	Belleville Brick Co.	Belleville	St. Clair	5,156	20	110		10		
6	Calhoun Leasing Co.	Noblesville	Pike	24						
7	Campana Brick & Tile Works	Campana	Livingston	460	7	20				
8	Carey Brick Co.	Chicago	Cook	8,631	75	13				5
9	Chicago Reort & Fire Brick Co.	Chicago	LaSalle	18,050	88	227	130	200		
10	Wm. S. Daubert Brick Co.	Quincy	Adams	2,200	11	60				
11	W. S. Dokey Clay Mfg. Co.	Colchester	McDonough	5,595	130	110		6,000		1
12	Eastern Illinois Clay Co.	St. Anne	Kankakee	22,000	43	160				
13	Ford Brick & Tile Co.	Herringtonburg	Schuyler	4,735	22	218		600		
14	Frederick Brick & Tile Works	Frederick	St. Clair	5,700	98	200		100		
15	Hill Brick Co.	O'Fallon	Henry	28,700	10	175		4,500		
16	Hull & Gustafson	Cambridge	Marshall	1,118	10	140				
17	Hydraulic Press Brick Co.	Shale City	Marshall	14,100	22	120		7,000		
18	Hydraulic Press Brick Co.	Shale City	Marshall	12,000	45	100		24,000		
19	Illinois Clay Products Co.	Morris	Grundy	67,950	78	250				
20	Jackson County Brick Co.	Kankakee	Kankakee	7,487	38	112				3
21	Kneass Brick Co.	Bellville	St. Clair	6,240	26	78				
22	Kneass Tile & Brick Co.	Oleary	LaSalle	12,582	7	70				
23	Lehigh Portland Cement Co.	Alexa	Scott	5,526	4			a	a	a
24	McLaughlin Mining Co.	McLeansboro	Hamilton	15,000	20	55	100	a	a	a
25	McLeansboro Shale Products Co.	Oleary	LaSalle	23,311	a	120		30		
26	Marquette Cement Mfg. Co.	LaSalle	St. Clair	6,400	10	a		a	a	a
27	Mascoutah Brick Co.	Mascoutah	LaSalle	6,711	3	38				
28	Matthiesen & Hegeler Zinc Co.	Lowell	LaSalle	8,500	42	9				
29	Midwest Brick Co.	Morton	LaSalle	8,500	42	103				
30	Morton Brick & Tile Works	Morton	LaSalle	7,000	7	140				
31	Mt. Olive Brick & Tile Co.	Mt. Olive	Macoupin	1,520	4	210				
32	Munson Bros. & Co.	Carlin	Boone	5,000	9			4,000		
33	C. H. Myers	Colchester	McDonough	1,500	7	150				
34	Oberschelp Brick & Tile Co.	Princeton	Bureau	17,870	72	146		500		1
35	Poston-Springfield Brick Co.	Springfield	Sangamon	15,500	175	59		500		3
36	Purinton Paying Brick Co.	East Galesburg	Knox	19,273	35	224	228	600		
37	Richardson Brick Co.	Edwardsville	Madison	8,409	222	126				1
38	St. Anne Brick & Tile Co.	St. Anne	Kankakee	12,175	40	173		2,000		
39	St. Elmo Brick & Tile Co.	St. Elmo	Fayette							

No.	Name of operator.	Office address of company.	Location of plant.		Pro-duction in tons.	Number em-ployed.	Days worked.	Explosives.	Accidents.	
			Post office.	County.				Dynamite pounds.	Fatal.	Non-fatal.
40	Shale Products Co	Petersburg	Menard		7, 189	10	108	300		
41	Springfield Clay Products Co.	Springfield	Sangamon		18, 256	46	197	1, 800		
42	Streator Brick Co.	Streator	LaSalle		28, 789	66	289	400		
43	Streator Drain Tile Co.	Streator	LaSalle		20, 857	97	290			
44	Trustees of National Fireproof Corp.	Ottawa	LaSalle		3, 424	33	48			25
45	Western Brick Co.	Danville	Vermilion		70, 500	143	284	8, 500		
46	White Hall Pottery Works	White Hall	Greene		1, 444	25	226	600		3
47	White Hall Sewer Pipe & Stoneware Co.	White Hall	Greene		14, 688	8	211			42
	Total				587, 521	1, 786	157	597	78, 590	

(a) Included in company report in Limestone—Table 1.

TABLE 5—SILICA.

No.	Name of operator.	Office address of company.	Location of plant.		Pro-duction in tons.	Number em-ployed.	Days worked.	Explosives.	Accidents.	
			Post office.	County.					Fatal.	Non-fatal.
1	Olive Branch Minerals Co.	Cairo	Olive Branch	Alexander	4, 313	27	365	1, 500		16
2	Ottawa Silica Co.	Ottawa	Ottawa	LaSalle	593, 114	135	258	152, 300		3
3	Ozark Minerals Co.	Elco	Elco	Alexander	7, 342	20	200	8, 000		6
4	Standard Silica Corp.	Ottawa	Ottawa	LaSalle	190, 443	30	287	47, 500		9
5	Wedron Silica Co.	Chicago	Wedron	LaSalle	181, 500	55	300	20, 000		34
	Total				976, 712	267	(a) 282	229, 300		

(a) Average.

TABLE 6—FULLER'S EARTH.

Company.	Location.		County.	Tons produced.	Men employed.	Days worked.	Dynamite—pounds.
	Olmsted	Olmsted					
Stclair Refining Co.			Pulaski	24, 097	52	300	50
Standard Cil Co			Pulaski	9, 474	14	247	
Totals				33, 571	66	273	50

TABLE 7—LIMESTONE.

Number.	County.	Number of—		Output in tons.	Number employed.	Average days worked.	Explosives used.		Accidents.	
		Operators.	Plants.				Powder—kegs.	Dynamite—pounds.	Fatal.	Non-fatal.
1	Adams	2	2	12,656	30	a128		8,850		4
2	Clark	3	3	19,228	48	a68		48,200		3
3	Clinton	2	2	1,911	87	a32		1,100		
4	Coles	1	1	2,800	10		20			
5	Cook	6	8	1,617,153	770	a170	304	b357,005	1	68
6	DuPage	1	1	191,751	33	134		38,550		
7	Greene	1	1	13,409	15	235		3,000		
8	Hancock	1	1	4,460	5	170		2,000		1
9	Hardin	1	1	6,163	25			814		
10	Henderson	1	1	4,200	8	140		2,000		
11	Jackson	1	1	410				100		
12	Jersey	3	3	43,700	76	a126	24	7,800		10
13	Johnson	1	1	41,600	90	140		15,275		14
14	Kane	1	1	2,279						
15	Kankakee	1	1	197,974	44	109		49,493		8
16	Kendall	1	1	5,500	5	54		2,200		
17	LaSalle	3	3	819,306	940	a160		297,439		6
18	Livingston	2	2	63,165	18	a168		12,185		
19	Logan	1	1	2,820	5	120				
20	McDonough	1	1	20,000	86	150		8,000		6
21	Madison	2	2	274,188	45	a228		42,900	2	14
22	Marion	1	1	3,000	41	134				
23	Monroe	6	6	90,366	81	a99		35,125		1
24	Ogle	2	2	6,575	8	a40		1,000		
25	Peoria	1	1	100	26	15		25		
26	Perry	1	1	5,000	75	90				
27	Pope	1	1	146	34	63		658		7
28	Randolph	1	1	65,212	620	238		12,000		1
29	Rock Island	1	1	25,635	11	290		9,970		
30	St. Clair	5	5	510,855	216	a181	64	196,995		21
31	Stephenson	1	1	4,763						
32	Union	1	1	77,856	32	75		18,450		4
33	Warren	2	2	10,400	31	a68		2,000		
34	Washington	1	1	1,250	5	110		50		
35	Will	3	3	300,535	290	a184		c112,900		30
36	Winnebago	1	1	7,500	12	150		325		
Total		64	66	4,453,862	3,822	132	412	1,286,400	3	195

(a) Average days worked by plants reporting.

(b) 2,958 cartridges loxite in addition.

(c) 23,650 sticks 40% dynamite in addition.

TABLE 8—OIL AND GAS.

Number.	County.	Number of—		Production.		Number employed.	Explosives—nitroglycerine quarts.	Accidents—non-fatal.
		Operators.	Wells.	Oil—barrels.	Gas—1,000 cubic feet.			
1	Bond	1	7		13,420	2		
2	Clark	13	1,035	211,310	3,036	28		6
3	Clinton	1	109	37,844				
4	Crawford	21	6,262	1,305,474	390,548	188	15	14
5	Cumberland	4	606	91,585	93,037	5	60	
6	Hancock	1	5	4,625				
7	Lawrence	14	3,212	1,617,754	360,219	94		22
8	McDonough	3	309	91,989		4		2
9	Marion	8	114	53,191		14		
10	St. Clair	1	38	52,941			160	2
11	Wabash	21	102	77,947		25	23	
Total		88	11,799	3,544,660	860,285	a1,083	235	46

(a) Ohio Oil Co. did not distribute 725 employees by counties.

TABLE 9—SAND AND GRAVEL.

Number.	County.	Number of—		Production in tons.	Num- ber em- ployed.	Average days worked.	Explosives used.		Accidents.	
		Oper- ators.	Plants.				Pow- der— kegs.	Dynamite— pounds.	Fatal.	Non- fatal.
1	Adams	2	2	14, 273	4	125				
2	Alexander	3	3	52, 948	64	45		8, 175		3
3	Bond	4	4	16, 290	12	95		50		
4	Bureau	4	4	160, 574	29	93				1
5	Crawford	1	1	8, 700	5	50				
6	DuPage	1	1	1, 875	7	160				
7	Fayette	2	2	1, 820	64	109				
8	Fulton	1	1	55, 000	6	100				6
9	Grundy	1	1	672						
10	Hancock	1	1	80						
11	Hardin	1	1	300	1	30				
12	Henderson	1	1	10, 821	5	105				1
13	Kane	3	3	131, 457	17	67				5
14	Lake	2	2	143, 143	18	140		100		
15	LaSalle	5	5	53, 776	9	203		2, 500		1
16	Lawrence	3	3	86, 247	16	140				
17	Livingston	1	1	33, 395	6	90				
18	Logan	1	1	110, 000	29	156				
19	Macon	1	1	3, 653	3	160				
20	Madison	2	2	144, 895	12	212				2
21	Massac	2	2	46, 758	14	45				
22	McHenry	3	3	240, 758	41	165				
23	Ogle	4	4	162, 712	25	118		6, 000		1
24	Peoria	3	3	617, 096	44	196				12
25	Pope	1	1	3, 685	4					
26	Randolph	1	1	70, 000	6					
27	Rock Island	3	3	30, 373	19	89				
28	Sangamon	2	2	24, 098	7	124		100		
29	Shelby	5	5	101, 156	442	36		700	1	3
30	Tazewell	5	5	458, 759	48	236		500		8
31	Wabash	2	2	25, 810	13	67				
32	White	1	1	80, 000	12	240				
33	Winnebago	6	6	293, 307	58	120				1
Total		78	78	3, 184, 431	1, 040	a122		18, 125	1	44

(a) Average.

TABLE 10—SHALE AND CLAY.

Number.	County.	Number of—		Production in tons.	Num- ber em- ployed.	Average days worked.	Explosives used.		Accidents.	
		Oper- ators.	Plants.				Pow- der— kegs.	Dynamite— pounds.	Fatal.	Non- fatal.
1	Adams	1	1	2,200	11	60				
2	Boone	1	1	1,520	4	210				
3	Bureau	1	1	1,500	7	150				
4	Cook	1	1	8,631	76	13				5
5	Edwards	1	2	29,367	103	225		10,500		
6	Fayette	1	1	12,175	40	173		2,000		
7	Greene	2	2	16,132	33	219		600		3
8	Grundy	1	1	67,950	78	250		24,000		
9	Hamilton	1	1	15,000	20	120		30		
10	Henry	1	1	1,118	10	140				
11	Jackson	1	1	7,487	38	172				
12	Kankakee	3	3	36,649	91	167				4
13	Knox	1	1	15,500	175	59	228	500		3
14	LaSalle	8	8	116,224	a329	a165	a139	a600		
15	Livingston	1	1	460	7	20				
16	Macoupin	1	1	650	4	140				
17	Madison	2	2	39,881	107	251	130	1,050		
18	Marshall	1	1	12,000	65	100		7,000		
19	McDonough	3	3	17,001	145	135		16,000		1
20	Menard	1	1	7,189	10	108		300		
21	Mercer	1	1	14,100	22	120				
22	Pike	1	1	24				10		
23	St. Clair	4	4	42,466	105	139		4,500		
24	Saline	1	1	4,735	22	218		600		
25	Sangamon	2	2	36,136	118	172		2,300		1
26	Schuyler	1	1	5,700	8	200		100		
27	Scott	1	1	4,526	av. 8	55	100			
28	Tazewell	1	1	700	7	103				
29	Vermilion	1	1	70,500	143	284		8,500		25
Total		46	47	587,521	1,786	144	597	78,590		42

(a) Report of two companies for men employed, days worked and explosives included in Limestone report.

TABLE 11—SILICA.

Number.	County.	Number of—		Production in tons.	Num- ber em- ployed.	Average days worked.	Explosives used.		Accidents.	
		Oper- ators.	Plants.				Pow- der— kegs.	Dynamite— pounds.	Fatal.	Non- fatal.
1	Alexander	2	2	11,655	47	283		9,500		3
2	LaSalle	3	3	965,057	220	282		219,800		31
Total		5	5	976,712	267	a282		229,300		34

(a) Average.

TABLE 12—SUMMARY OF TABLES 7, 8, 9, 10 AND 11.

Industry.	Number of—			Production.	Number employed.	Average days worked.	Explosives used.		Accidents.	
	Coun- ties.	Oper- ators.	Plants.				Pow- der— kegs.	Dyna- mite— pounds.	Fatal.	Non- fatal.
Limestone .....	36	64	66	a4,453,862	3,822	132	412	e1,286,400	3	195
Oil and gas .....	11	62	11,799	b3,544,660 c860,285	1,083	.....	.....	d235	.....	46
Sand and gravel .....	34	78	78	3,184,431	1,040	122	.....	18,125	1	44
Shale and clay .....	29	46	47	587,521	1,786	144	597	78,590	.....	42
Silica .....	2	5	5	a976,712	267	282	.....	229,300	.....	34
Total .....	88	255	11,995	a9,207,526 b3,544,660 c 860,285	7,998	143	1,009	.....	4	361

(a) Tons. (b) Barrels of oil. (c) M. cu. ft. of gas. (d) Quarts of nitroglycerine.  
(e) 2,958 cartridges loxite and 23,650 sticks 40% dynamite in addition.





TABLE 13—Concluded.

Number.	County.	Coal.		Fluorspar.		Fullers Earth.		Limestone.		Oil and gas.			Sand and gravel.		Shale and clay.		Silex.		Number.
		Mines.	Tons.	Mines.	Tons.	Mines.	Tons.	Quarries.	Tons.	Wells.	Oil— barrels.	Gas— cu. ft.	Pits.	Tons.	Pits.	Tons.	Mines.	Tons.	
84	Whiteside	3	1,068,581					3	300,535										84
85	Will.																		85
86	Williamson	115	2,905,624																86
87	Winnemago							1	7,500				6	293,307					87
88	Woodford	2	96,727																88
	Total	1,350	45,013,278	11	85,272	2	32,571	66	4,453,862	11,799	3,544,660	860,295	78	3,184,431	47	587,521	5	976,712	

# REPORT OF METAL MINES.

HOMER HARRIS, INSPECTOR.

The following tables show the activities of the metal mines for the year 1935:

TABLE 1—NAME OF OPERATOR, LOCATION OF MINE, DEPTH OF SHAFT, USE OF PRODUCT, METHOD OF HOISTING AND MINING.

Name of operator.	Location of mine.		Depth of shaft in feet.	Product used for—	Method of hoisting.	Method of mining.
	Post office.	County.				
Loren Bateman .....	Rosiclare .....	Hardin .....	40	Steel flux ..	Steam .....	Hand .....
Benzon Fluorspar Co .....	Cave-in-Rock .....	Hardin .....	a	Steel flux ..	Air .....	Hand and machine.
Crystal Fluorspar Co .....	Rosiclare .....	Hardin .....	70	Steel flux ..	Gasoline ..	Machine.
Fred Cullum .....	Elizabethtown .....	Hardin .....	80	Steel flux ..	Steam .....	Hand.
W. E. Demick .....	Rosiclare .....	Hardin .....	70	Steel flux ..	Steam .....	Machine.
Fluorspar Products Corp .....	Elizabethtown .....	Hardin .....	70	a	Steam .....	Hand and machine.
Hillside Fluorspar Mines ..	Rosiclare .....	Hardin .....	650	Steel flux ..	Electricity ..	Hand and machine.
Knight, Knight & Clark .....	Rosiclare .....	Pope .....	100	Steel flux ..	Steam .....	Hand and machine.
Rosiclare Lead & Fluorspar Mining Co .....	Rosiclare .....	Hardin .....	700	Steel, glass and enamelware ..	Electricity ..	Machine.
Sunbeam Fluorspar Co .....	Elizabethtown .....	Hardin .....	50	Steel flux ..	a	Hand and machine.
Victory Fluorspar Mining Co .....	Elizabethtown .....	Hardin .....	173	Steel flux ..	Steam .....	Machine.

(a) Not reported.

TABLE 2—PRODUCTION AND DISPOSITION OF PRODUCT, EXPLOSIVES USED, EMPLOYEES, DAYS WORKED, NUMBER INJURED AND DAYS LOST.

Name of operator.	Production in tons.		Tons shipped to—			Ex-plosives.	Employees.	Days worked.	Number injured.
	Fluorspar.	Lead.	Points in Illinois.	Other states.	Foreign countries.	Dynamite—pounds.			
Loren Bateman .....	250			250		50	3	200	.....
Benzon Fluorspar Co. ....	15,610		700	8,480		6,000	48	180	22
Crystal Fluorspar Co. ....	10,465		662	4,548		3,977	30	230	1
Fred Cullum .....	400		400			80	4	200	.....
W. E. Demick .....	400			275		500	6	100	.....
Fluorspar Products Corp. ....	7,500			4,500		12,000	50	300	2
Hillside Fluorspar Mines .....	29,312		1,763	6,376		45,550	86	284	33
Knight, Knight & Clark .....	2,500			2,000		2,000	12	200	2
Rosiclare Lead & Fluorspar Mining Co. ....	18,485		1,239	12,218	12	45,125	75	200	5
Sunbeam Fluorspar Co. ....	300		300			500	4	150	.....
Victory Fluorspar Mining .....	50			50		*	15	2	.....
Total .....	85,272		5,064	38,697	12	115,782	333	(a) 186	65

(a) Average.

(\*) Not reported.

## REPORT OF STATE MINING BOARD.

The State Mining Board held examinations in September for the purpose of passing upon the qualifications of applicants for State Mine Inspector, Mine Managers, Mine Examiners and Hoisting Engineers.

The names and addresses of those passing these tests are as follows:

### STATE MINE INSPECTOR.

Name.	Post office.	County.	Age.	Birthplace.	Date of examination.	Number of certificate.
Sharp, Morris .....	West Frankfort .....	Franklin .....	45	Illinois .....	Sept. 12	229

### MINE MANAGERS—FIRST CLASS.

Name.	Post office.	County.	Age.	Birthplace.	Date of examination.	Number of certificate.
Adams, Edward C. ....	Taylorville .....	Christian .....	47	Illinois .....	Sept. 12	1674
Allison, Marion F. ....	Galesburg .....	Knox .....	29	Illinois .....	Sept. 12	1675
Barlow, Howard .....	Johnston City .....	Williamson .....	49	Illinois .....	Sept. 12	1710
Bayless, G. E. ....	Dowell .....	Jackson .....	35	Illinois .....	Sept. 12	1676
Browder, J. E. ....	Harrisburg .....	Saline .....	34	Kentucky .....	Sept. 12	1677
Bruening, Henry J. ....	Breese .....	Clinton .....	40	Illinois .....	Sept. 12	1678
Buswink, William .....	Cherry .....	Bureau .....	30	Illinois .....	Sept. 12	1679
Decker, Mark .....	Peoria .....	Peoria .....	48	Alabama .....	Sept. 12	1680
Doetorman, Harold .....	Christopher .....	Franklin .....	31	Illinois .....	Sept. 12	1681
Eyster, Robert Moore .....	Peoria .....	Peoria .....	44	Pennsylvania .....	Sept. 12	1682
Flagg, Paul .....	Springfield .....	Sangamon .....	30	Illinois .....	Sept. 12	1683
Floyd, Henry .....	Taylorville .....	Christian .....	34	Missouri .....	Sept. 12	1684
Groh, Erwin .....	Lenzburg .....	St. Clair .....	42	Illinois .....	Sept. 12	1685
Hamilton, Virgil .....	DuQuoin .....	Perry .....	35	Illinois .....	Sept. 12	1686
Hiscox, Frank .....	West Frankfort .....	Franklin .....	43	England .....	Sept. 12	1687
Hoehn, John E. ....	Belleville .....	St. Clair .....	55	Illinois .....	Sept. 12	1688
Korenowski, Emerick .....	Edwards .....	Peoria .....	29	Oklahoma .....	Sept. 12	1689
Kovack, Anton, Jr. ....	Westville .....	Vermilion .....	24	Michigan .....	Sept. 12	1709
Krachik, Otto .....	Springfield .....	Sangamon .....	28	Germany .....	Sept. 12	1690
Lea, Leonard G. ....	Peoria .....	Peoria .....	50	Iowa .....	Sept. 12	1691
Lightbody, Otto W. ....	Glasford .....	Peoria .....	35	Illinois .....	Sept. 12	1692
McCann, Joseph H. ....	West Frankfort .....	Franklin .....	45	Pennsylvania .....	Sept. 12	1693
McQuaid, Marvin O. ....	Mt. Sterling .....	Brown .....	29	Illinois .....	Sept. 12	1694
Marxer, Cornelius W. ....	Caseyville .....	St. Clair .....	31	Illinois .....	Sept. 12	1711
Mauck, Walter .....	Danville .....	Vermilion .....	38	Illinois .....	Sept. 12	1695
Mielke, John E. ....	Coal Valley .....	Rock Island .....	41	Illinois .....	Sept. 12	1712
Neltner, John J. ....	Peoria .....	Peoria .....	36	Illinois .....	Sept. 12	1696
Nightingale, Edward A. ....	Coal Valley .....	Rock Island .....	45	Illinois .....	Sept. 12	1697
Pemberton, Walter .....	Equality .....	Gallatin .....	53	Illinois .....	Sept. 12	1698
Pfisterer, John W., Jr. ....	Freeburg .....	St. Clair .....	43	Illinois .....	Sept. 12	1699
Rednour, Chas. L. ....	Coulterville .....	Randolph .....	42	Illinois .....	Sept. 12	1700
Poole, Joseph T. ....	Rushville .....	Schuyler .....	42	Illinois .....	Sept. 12	1701
Schneider, Fred .....	Ellisville .....	Fulton .....	40	Illinois .....	Sept. 12	1702
Starks, Russell G. ....	Taylorville .....	Christian .....	38	Illinois .....	Sept. 12	1703
Tanner, Earl .....	Stonefort .....	Saline .....	34	Illinois .....	Sept. 12	1704
Thomas, T. J. ....	Riverside .....	Cook .....	49	Illinois .....	Sept. 12	1705
Whalen, William .....	Colchester .....	McDonough .....	54	Illinois .....	Sept. 12	1708
Wine, Walter .....	Coulterville .....	Randolph .....	43	Illinois .....	Sept. 12	1706
Youngber, Julius .....	DuQuoin .....	Perry .....	38	Illinois .....	Sept. 12	1707

## MINE MANAGERS—SECOND CLASS.

Name.	Post office.	County.	Age.	Birthplace.	Date of exam-ination.	Number of cer-tificate.
Addams, Henry C	Danville	Vermilion	40	Illinois	Sept. 10	1166
Aulich, Joseph, Sr	Bulpitt	Christian	57	Germany	Sept. 10	1167
Austin, Ellis V	Peoria	Peoria	49	Kentucky	Sept. 10	1168
Benner, Alfred	Roodhouse	Greene	36	Illinois	Sept. 10	1169
Berghoff, Fred	Bethalto	Madison	46	Illinois	Sept. 10	1170
Boyer, Thomas	Ipava	Fulton	46	Illinois	Sept. 10	1171
Bryant, Lane	Cantrall	Sangamon	24	Illinois	Sept. 10	1172
Caswell, Robert	Danville	Vermilion	59	Illinois	Sept. 10	1173
Cessna, Perry	Danville	Vermilion	58	Illinois	Sept. 10	1174
Colbert, Thornton	Equality	Gallatin	47	Illinois	Sept. 10	1175
Cummins, Roy	Harrisburg	Saline	37	Illinois	Sept. 10	1176
Dale, Robert	Rushville	Schuyler	29	Illinois	Sept. 10	1177
Dixon, William	Springfield	Sangamon	44	England	Sept. 10	1178
Elliott, Edgar A	Roodhouse	Greene	57	Illinois	Sept. 10	1179
Ervin, Cecil H	Danville	Vermilion	36	Illinois	Sept. 10	1180
Evans, Frank R	Mapleton	Peoria	35	Illinois	Sept. 10	1181
Fletcher, Frank	Danville	Vermilion	42	Illinois	Sept. 10	1182
Geisler, Herman	Delhi	Jersey	49	Illinois	Sept. 10	1183
George, Alvin	Danville	Vermilion	66	Kentucky	Sept. 10	1184
Hamilton, Lloyd	Ipava	Fulton	29	Illinois	Sept. 10	1185
Harlow, Elmer A	Shelbyville	Shelby	47	Illinois	Sept. 10	1186
Harlow, Leverett R	Shelbyville	Shelby	24	Illinois	Sept. 10	1187
Harris, Granville	Danville	Vermilion	31	Kentucky	Sept. 10	1188
Hodgett, Hubert	Kewanee	Henry	37	Illinois	Sept. 10	1189
Hodgett, William	Kewanee	Henry	42	Illinois	Sept. 10	1190
Houck, Charley T	Roodhouse	Greene	46	Missouri	Sept. 10	1191
Hoffman, Peter D	Edwards	Peoria	35	Ohio	Sept. 10	1192
Holly, Cleat	White Hall	Greene	43	Kentucky	Sept. 10	1225
Huebener, Victor	Brighton	Macoupin	46	Illinois	Sept. 10	1193
Hursmanand, Rufus	Roodhouse	Greene	29	Missouri	Sept. 10	1194
Knibb, George H	Bunker Hill	Macoupin	58	Illinois	Sept. 10	1195
Kouski, Frank	Coal Valley	Rock Island	40	Illinois	Sept. 10	1196
Larrew, Bert	Catlin	Vermilion	43	Illinois	Sept. 10	1197
Legros, Clifford	Auburn	Sangamon	28	Kansas	Sept. 10	1198
Littlefield, James G	Equality	Saline	43	Kentucky	Sept. 10	1199
Marchiori, Adelmo	Alton	Madison	40	Italy	Sept. 10	1200
Martin, Seth	Danville	Vermilion	37	Illinois	Sept. 10	1201
Mayer, Edwin	Belleville	St. Clair	27	Illinois	Sept. 10	1202
Meyer, Eugene J	Marion	Williamson	32	Iowa	Sept. 10	1203
Montgerard, August	Danville	Vermilion	54	Illinois	Sept. 10	1204
Muessel, John G	Fosterburg	Madison	59	Illinois	Sept. 10	1205
Peurod, John	Carrier Mills	Saline	49	Kentucky	Sept. 10	1206
Pettit, Mike	Ipava	Fulton	55	Illinois	Sept. 10	1207
Pickering, Charles	Harrisburg	Saline	51	Illinois	Sept. 10	1208
Portwood, Robert O	Ray	Schuyler	51	Illinois	Sept. 10	1209
Roach, Homer L	Galesburg	Knox	44	Illinois	Sept. 10	1210
Schutz, Virgil	Catlin	Vermilion	25	Illinois	Sept. 10	1211
Shuman, Wilbur	Danville	Vermilion	38	Illinois	Sept. 10	1212
Sill, Robert	Peoria	Peoria	45	Illinois	Sept. 10	1213
Silveria, Barney	DuQuoin	Perry	41	Illinois	Sept. 10	1214
Smith, Louie A	Ashland	Cass	49	Illinois	Sept. 10	1215
Stine, John M	Danville	Vermilion	74	Illinois	Sept. 10	1216
Thatcher, Birt	Muncie	Vermilion	48	Illinois	Sept. 10	1217
Truitt, George	Chesterfield	Macoupin	28	Missouri	Sept. 10	1218
Truitt, William	Chesterfield	Macoupin	35	Missouri	Sept. 10	1219
Walton, Henry	Danville	Vermilion	58	Illinois	Sept. 10	1220
Wilde, August	Petersburg	Menard	51	Illinois	Sept. 10	1221
Woodard, Ben	Fairmount	Vermilion	48	Illinois	Sept. 10	1223
Woolley, Melvin J	Coal Valley	Rock Island	32	Illinois	Sept. 10	1222
Yost, William A	Brighton	Macoupin	35	Illinois	Sept. 10	1224

## ELECTRICAL HOISTING ENGINEERS.

Name.	Post office.	County.	Age.	Birthplace.	Date of examination.	Number of certificate.
Bolinski, Walter	Pinekeyville	Perry	48	Pennsylvania	Sept. 12	531
Diekroetger, Matt	O'Fallon	St. Clair	62	Illinois	Sept. 12	532
Knoth, Phil	Belleville	St. Clair	36	Illinois	Sept. 12	533
Seddon, John R.	Pekin	Tazewell	33	Illinois	Sept. 12	534
Yocum, Boyd	Minonk	Woodford	45	Illinois	Sept. 12	535

## STEAM HOISTING ENGINEERS.

Name.	Post office.	County.	Age.	Birthplace.	Date of examination.	Number of certificate.
Grant, James T.	Gillespie	Macoupin	51	Illinois	Sept. 12	718
Hardy, George	Cutler	Perry	40	Illinois	Sept. 12	719
Hunt, Roy	Pleasant Plains	Sangamon	42	Illinois	Sept. 12	720
Lingenfelter, Bruce	Canton	Fulton	29	Illinois	Sept. 12	721
Moon, Owen S.	Nokomis	Montgomery	33	Illinois	Sept. 12	722
Reffett, Harry T.	Danville	Vermilion	34	Illinois	Sept. 12	723
Smith, Charles	Gillespie	Macoupin	32	Illinois	Sept. 12	724
Snow, Harry	Gillespie	Macoupin	40	Minnesota	Sept. 12	725
Walz, E. R.	Worden	Madison	30	Germany	Sept. 12	726
Winter, Frank	Marissa	St. Clair	37	Illinois	Sept. 12	727

## MINE EXAMINERS.

Name.	Post office.	County.	Age.	Birthplace.	Date of examination.	Number of certificate.
Aldridge, Harry	West Frankfort	Franklin	38	West Virginia	Sept. 12	2105
Baggis, Anton J.	Beuld	Macoupin	25	Illinois	Sept. 12	2106
Bennett, Clell	Canton	Fulton	46	Illinois	Sept. 12	2107
Boulard, Anatole	Nokomis	Montgomery	51	France	Sept. 12	2108
Bowen, Dave	Harrisburg	Saline	39	Ohio	Sept. 12	2109
Broshears, James Bert	West Frankfort	Franklin	37	Illinois	Sept. 12	2110
Capps, Roy	West Frankfort	Franklin	23	Illinois	Sept. 12	2111
Christian, William	Royalton	Franklin	38	Illinois	Sept. 12	2112
Dent, James	Belleville	St. Clair	44	England	Sept. 12	2113
Dorris, Ralph	West Frankfort	Franklin	31	Illinois	Sept. 12	2114
Dudley, Irl Orion	Zeigler	Franklin	46	Indiana	Sept. 12	2115
Farnworth, Bradley J.	Gillespie	Macoupin	29	Illinois	Sept. 12	2116
Haney, Donald	Taylorville	Christian	25	Alabama	Sept. 12	2117
Harris, George	Harrisburg	Saline	33	Illinois	Sept. 12	2118
Hogstrom, Gunnard C.	West Frankfort	Franklin	35	Illinois	Sept. 12	2119
Hopkins, William	Herrin	Williamson	30	Alabama	Sept. 12	2136
Ivy, Arch	Herrin	Williamson	40	Kentucky	Sept. 12	2120
Jaynes, James	Cuba	Fulton	34	Indiana	Sept. 12	2121
Martin, Charles Gregory	Knoxville	Knox	50	Oklahoma	Sept. 12	2122
Orlandi, Joe	Kineaid	Christian	31	Illinois	Sept. 12	2123
Peek, J. Lynn	Benton	Franklin	33	Kentucky	Sept. 12	2124
Perdue, John D.	DuQuoin	Perry	32	Indiana	Sept. 12	2125
Phillips, William G.	Springfield	Sangamon	32	Ohio	Sept. 12	2126
Robinson, Sidney	Carrier Mills	Saline	35	Kentucky	Sept. 12	2127
Romine, John	West Frankfort	Franklin	33	Alabama	Sept. 12	2128
Sereg, Peter E.	Gillespie	Macoupin	35	Austria Hungary	Sept. 12	2129
Stokes, George J.	West Frankfort	Franklin	28	Illinois	Sept. 12	2130
Terry, Lawrence	West Frankfort	Franklin	38	Illinois	Sept. 12	2131
Thomas, John W.	Taylorville	Christian	27	Ohio	Sept. 12	2132
Trini, Angelo	West Frankfort	Franklin	43	Italy	Sept. 12	2133
Wilkening, Arthur W.	Moro	Madison	23	Illinois	Sept. 12	2134
Wusyp, Bernard	West Frankfort	Franklin	25	Illinois	Sept. 12	2135

## PERMITS GRANTED TO OPERATE SECOND MOTION ENGINES.

Name.	Post office.	County.	Age.	Birthplace.	Date of permit.	Number of permit.
Arnoldi, Frank	Gillespie	Macoupin	25	Illinois	Jan. 17	365
Barton, Archie C.	Marion	Williamson	50	Illinois	Dec. 11	391
Borri, Oreste	Alton	Madison	46	Italy	Sept. 7	382
Bowen, Wayne	Sparta	Randolph	30	Illinois	Oct. 28	388
Camp, Russell	Princeville	Peoria	33	Illinois	July 12	374
Carlson, Oscar	Mineral	Bureau	60	Sweden	July 3	373
Chapman, Edward	Schuline	Randolph	28	Missouri	April 29	370
Clark, Joseph, Sr	Mineral	Bureau	70	Illinois	Dec. 18	393
DeSplinter, Edward	Mineral	Bureau	29	Illinois	Sept. 4	381
Gregor, Joseph, Jr.	Edwardsville	Madison	19	Illinois	July 22	376
Haller, Earl	Cantrall	Sangamon	29	Illinois	May 27	371
Helms, William	Venedy	Washington	36	Illinois	Sept. 16	384
Johnson, John	Alton	Madison	39	Illinois	Sept. 11	383
Johnson, Thomas	DuQuoin	Perry	29	Illinois	Oct. 19	387
Klingbiel, W. F.	Petersburg	Menard	50	Illinois	July 25	378
Lemay, Ernest	Marion	Williamson	31	Illinois	April 9	369
Lewis, Richard	Tallula	Menard	23	Illinois	Nov. 15	390
McKey, Mack	Sheffield	Bureau	43	Illinois	June 24	372
Mihus, Alex	Seneca	LaSalle	34	Illinois	Feb. 11	366
Nissen, Sam	Springfield	Sangamon	42	Illinois	Dec. 14	392
Pease, Gilbert L.	Viola	Mercer	24	Illinois	Aug. 19	380
Rhodes, Ira E.	Petersburg	Menard	45	Illinois	Oct. 9	386
Roach, Herman W.	Galesburg	Knox	46	Illinois	Dec. 28	394
Robinson, Len	Equality	Saline	43	Kentucky	July 19	375
Sheckler, Earl	Canton	Fulton	52	Illinois	Oct. 28	389
Thefeld, C. J.	Sparta	Randolph	34	Kansas	Mar. 8	368
Wheeler, Harry S.	DeSoto	Jackson	38	Illinois	Sept. 16	385
Wiedeman, Herman	Equality	Saline	34	Illinois	Aug. 19	379
Wood, James T.	Venice	Madison	31	Illinois	Mar. 8	367
Zini, August	Tovey	Christian	48	Italy	July 22	377











